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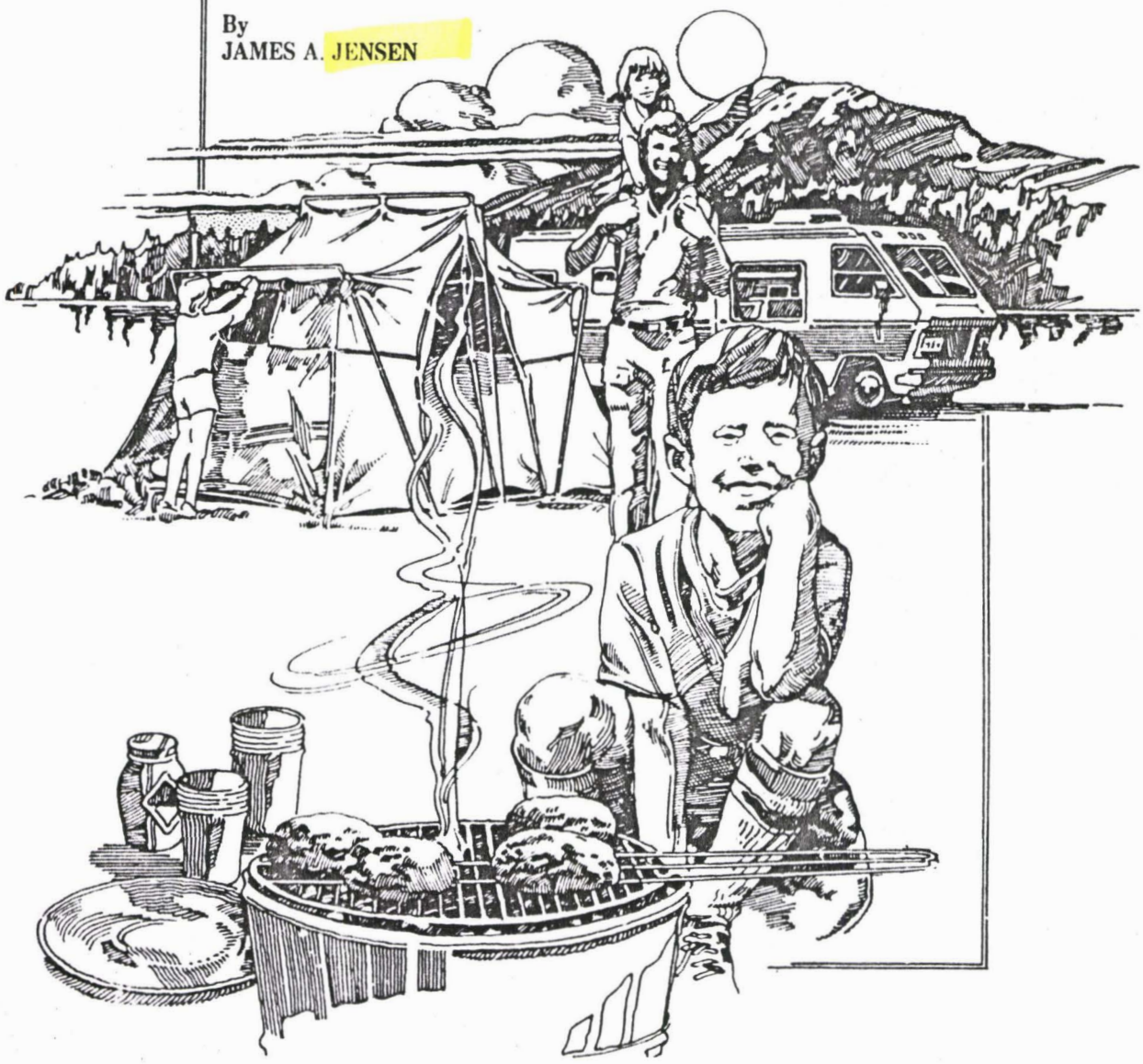
# A VISITOR PROFILE AND VISITOR ASSESSMENT FOR JOES VALLEY CAMPGROUND

By
JAMES A. JENSEN



# A VISITOR PROFILE AND VISITOR ASSESSMENT FOR

# JOES VALLEY CAMPGROUND

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# ABSTRACT

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TITLE: A Visitor Profile and Visitor Assessment for Joes Valley Campground

ABSTRACT: Specific public needs at Joes Valley campground were displayed as the result of assessing the visitor profile and visitor preferences. The needs were determined by studying campground user preferences; fee envelope, weather and facility condition information; and conducting a literature review. The campground visitor profile addressed factors, such as visitor origin, patterns of use, number of retired visitors, number of people per campsite and amount of multiple family use. The campground user preferences were displayed by activity, facility, maintenance and administrative categories. They included such factors as fishing, relaxing, shade, fish cleaning and trailer dump stations, restroom and campsite maintenance, emergency communication and Forest Service/host visibility. The differences between type of user preferences were displayed by visitor origin, camp equipment type and family child status categories. Site improvement needs were identified as the product.

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# EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

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Title: A Visitor Profile and Visitor Assessment for Joes Valley Campground

A recreation user profile and visitor preferences study for Joes Valley Campground was conducted to determine who the users were, what their preferences were and what improvements or changes could be implemented to assure a quality camping experience for them. Improvements were identified through literature, profile and preference studies. The literature review identified general camper profiles and preferences and potentially important factors or features to be considered. The profile and preferences were inventoried by interviewing the recreation participants, collecting weather and visitor use data and conducting facility condition inventories. The inventories were analyzed, producing who the users were, what their camping preferences were and what the differences in their needs by point of origin, type of camping equipment and family child status were. Appropriate changes and/or improvements within activity, facility, maintenance and administrative categories became the product of the study.

The study showed that the greatest number of users originated from the Wasatch Front, followed by the local Carbon/Emery County area, and then other areas. The user preferred to camp in recreational

vehicles as opposed to tents. The majority of users brought children. The campground received its greatest use during July followed respectively by August, June, September, May and October. Weekend and holiday use was more popular than weekday use. Users preferred fishing, relaxing, boating, viewing nature and small family reunions as activities. They preferred shade, trailer dump stations, flush toilets, fish cleaning stations, privacy, additional parking, nature trails and formal tent spaces for facilities. They expected restrooms, campsites and facilities to be clean and well maintained. They preferred having Forest Service personnel and campground hosts in the campground. Specific services and improvements were recommended based on these user preferences.

# CHAPTER 1
# INTRODUCTION

## INTRODUCTION

The Land and Resource Management Plan, Manti-LaSal National Forest, page III-48, and the USDA Forest Service Manual, Section 2330, recommended developed recreation facilities and maintenance be provided in accordance with user demand for appropriate recreation opportunities.

Market analysts have indicated that consumers preferred quality in both product and service, that they were willing to pay for quality and would cease to purchase items of low quality (Bevins, 1986). Providing the quality for a satisfying recreation experience involved the total environment, both social and physical (Foster and Jackson, 1979). The basis for planning was the identification of features important to user satisfaction (Wallace et al., 1985). The features were identified through attempting to understand camper attitudes and preferences (LaPage, 1983).

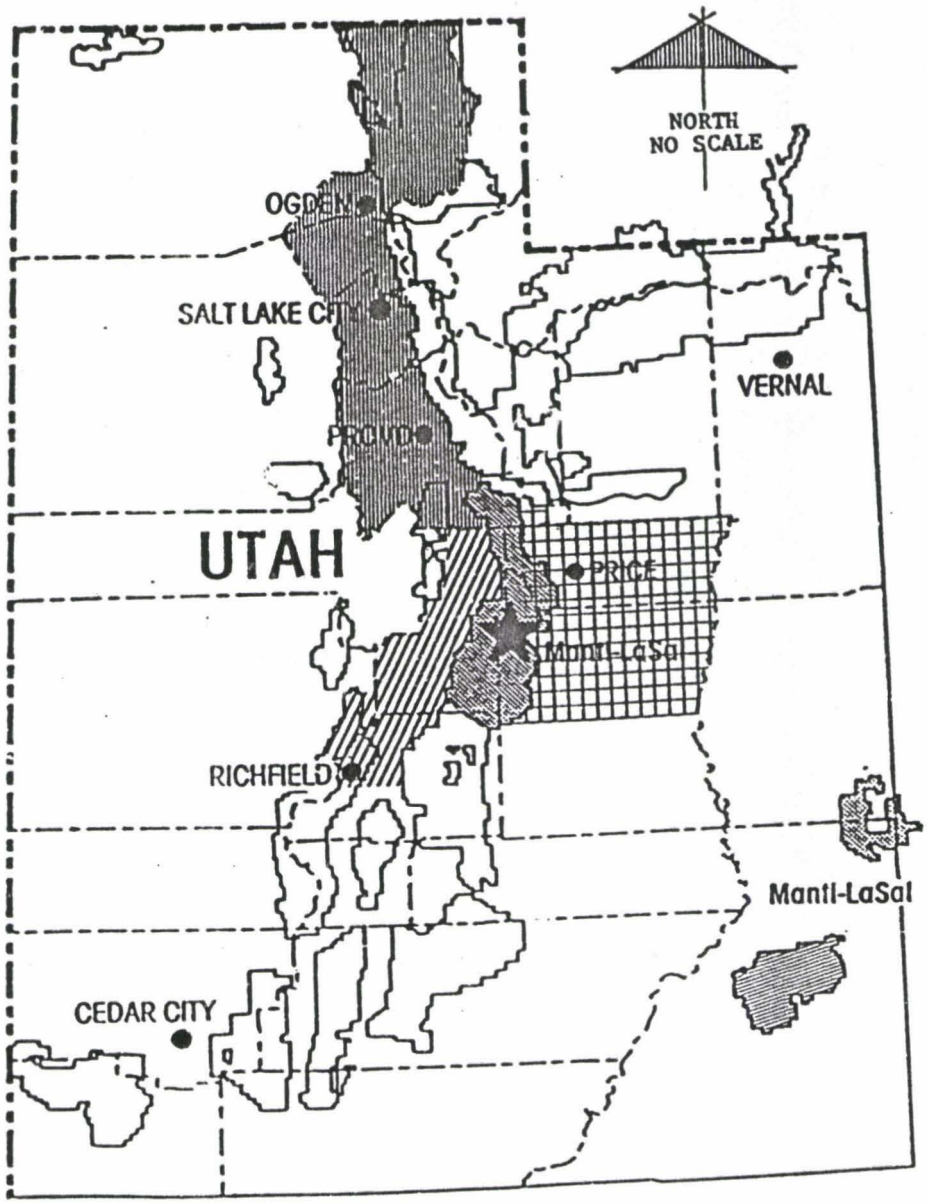
### Purpose

The purpose of this paper was to identify management options that could provide an increase in the public's satisfaction at Joes Valley Campground. A lack of sound information concerning the public's desire for recreation management previously existed. Therefore, this guide was developed to identify the combinations of physical and social-environmental factors conducive to use and user satisfaction. Camper profile factors were identified through visitor origin and pattern of use studies. Camper needs were identified through a visitor preference study. The preference factors were grouped by activity, maintenance, facility and administrative categories. Predicting a match of the public's expectations for the camping experience with the appropriate service at the site was the goal.

## Study Area

Joes Valley Campground was constructed in 1966 as part of the USDI Bureau of Reclamation Joes Valley Reservoir project. The project was located in Utah on the Ferron Ranger District, Manti Division, Manti-Lasal National Forest. See Vicinity Map, page I-3. The campground was located on the west side of the reservoir. It contained 46 sites; 240 persons at one time (PAOT) design capacity. See Joes Valley Campground Schematic Site Plan, page I-4.

# VICINITY MAP




LEGEND

JOES VALLEY RES. CAMPGROUND

MANTI-LASAL N.F.

WASATCH FRONT AREA

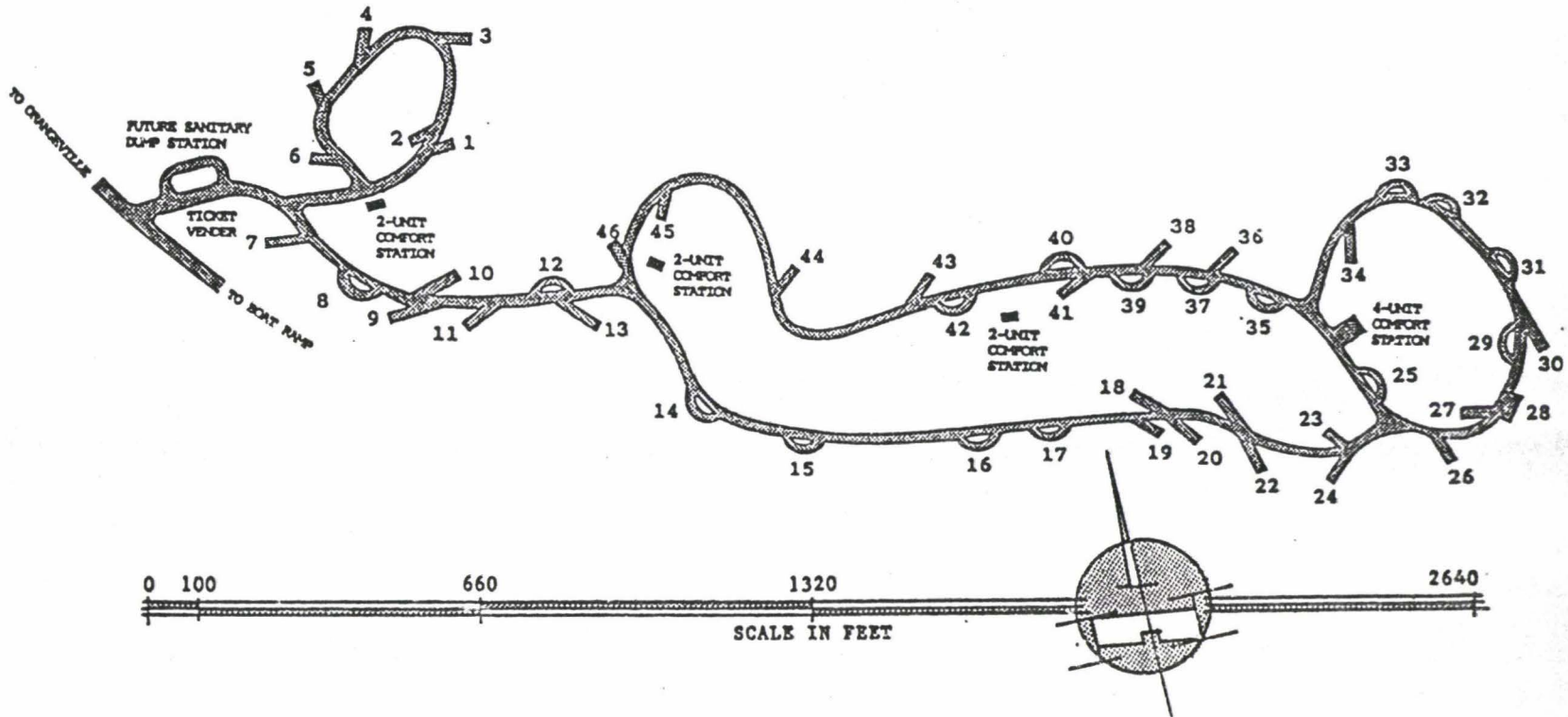
CARBON/EMERY AREA

INTERMEDIATE AREA

OTHER AREA

# JOES VALLEY CAMPGROUND

## SCHEMATIC SITE PLAN



# CHAPTER 2
# LITERATURE REVIEW

## Literature Review

### Origin of User and Profile of Use

S. J. Wallace and others (1985) stated that many campers were repeat customers. G. E. Machlis and D. R. Field (1984) stated that extended families tended to stage family reunions and develop emotional ties to campgrounds, those activities becoming family rituals. Bill and Louise Weston (1983), campground hosts, stated that most of the campers at Joes Valley Campground were repeat Utah customers who regarded the area as their own. Holidays were high use periods for these customers.

#### Weather Effects

Jackson and Schinkel, (1981); and Manning, (1984), stated that weather generally affected campground pattern of use by reducing the quality of recreation experience and thus discouraging use. At Joes Valley Campground, storms generally occurred between 1100 and 1300 hours with 41 percent of them lasting shorter than 36 minutes and 90 percent lasting shorter than five hours (Fletcher et al., 1981).

### Preferences and Annoyances (Campgrounds in General)

#### Activities

Activities considered important to camper satisfaction were fishing, viewing natural scenery, resting and relaxing, swimming, boating and walking or hiking (Jackson and Schinkel, 1981; McEwen, 1986). Canoeing and touring the local area were also important (McEwen, 1986). Activities were important enough that older people tended to stay in the campgrounds until recreational opportunities had been exhausted (Machlis and Field, 1984).

Maintenance

Clean restrooms were very much preferred (Cordell, 1969; McEwen, 1986), as were clean restful campsites (McEwen, 1986; Strohmeier and Hammitt, 1980).

Facilities

Users had definite preferences for shaded campsites, distance of site to restroom facilities (approximately 200 feet), and distance of site to water hydrant (varied from 50 to 100 feet) (Cordell, 1969; Cordell and James, 1972). Flush toilets were more important to campers than other types (Cordell, 1969; McEwen, 1986) Being able to maintain privacy was also found to be important to camper satisfaction (Cordell, 1969; McEwen, 1986; Molnar, and Rutledge, 1985), as was the fireplace grill (Cordell, 1969). Loops were preferred over spurs for vehicle parking (Hanchett, 1986).

Administration

Loud noises in the campground setting were very annoying and degraded the quality of the experience (Kariel, 1980; McEwen, 1986; Molnar and Rutledge, 1985), as did pets (LaPage, 1983).

Preferences and Annoyances (Joes Valley Reservoir Campground)

The following preferences and annoyances were identified in a 1983 letter from Bill and Louise Weston and were specific to Joes Valley Campground:

# CHAPTER 3
# METHODOLOGY

## Methodology

### Visitor Profile

#### Fee Envelope Results

Trend data were obtained by analyzing visitor responses on campground fee envelopes. Envelopes were supplemented by data from fee compliance forms. A computer program was developed which organized the data, analyzed them, projected the results in a table and produced a summary. (See Appendix B). Displayed below are the categories which were produced, their units of measurement and the percent of data available for use in the analysis.

| Trend Category | Unit of Measure | % of Data Analyzed |
|---|---|---|
| Use Graphs | PAOT | 84% |
| Average Length of Stay | Days | 100% |
| Total Fees Collected (Amount Paid) | $ | 99% |
| Golden Age/Access Passports | % of Total | 99.96% |
| Camp Stamps | % of Total | 99.96% |
| Maximum Visitor Days (Using Length of Stay = 1 Day) | RVD's | 84% |

The computer produced query files for the following:

| Trend Category | Unit of Measure | % of Data Analyzed |
|---|---|---|
| Visitor Origin | City | 98% |
| Site Pattern of Use | # Sites | 84% |
| Multiple Vehicle Pattern of Use | # Sites | 84% |

The categories of Visitor Origin, Site Pattern of Use and Multiple Vehicle Pattern of Use are discussed in further detail below:

Visitor Origin

The Fee Envelopes query file was sorted by state and city. The number of times campsites were used according to origin of visitor was recorded under each city. Cities were then grouped into larger population areas. The areas became the Wasatch Front Area, the Local Carbon/Emery County Area, the Other Area and the Intermediate Area which was between the Local and Wasatch Front Areas. An Unknown or insufficient information category was also developed. See Vicinity Map, Figure 1 and Appendix E.

Site Pattern of Use

The site pattern of use ratio was determined by comparing average weekday use to average weekend/holiday use by number of sites occupied. The ratio was displayed by week, month and total sample period. Weekends were defined as Fridays and Saturdays only. Holidays were defined as the three consecutive highest use days including the holiday. See Figures 2 - 7 and Appendix F, pages F-1 to F-8 and F-10.

Multiple Vehicle Pattern of Use

As a result of the visitor interview phase of this project (see Visitor Preference Assessment, Visitor Interview Results, Page III-4, it was determined that 2.1 vehicles/site was typical single family camping practice. The vehicles generally included a truck, motorhome, or car with a tow trailer or boat. From the Fee Envelope Results, page B-55, there were 4.3 people/site.

Multiple vehicle status was defined to occur when more than two vehicles at one time (4.3 people) occupied a site. The relationship between two vehicles (single family) and multiple vehicles (three or more) was analyzed (by day) when individual category use (two vehicles or less or three vehicles or more) equaled or exceeded fifty percent of the campground design capacity. This was the point where the campground could approach or exceed design capacity (the maximum use period). See Appendix F, pages F-1 to F-9.

Weather Results

Weather data at Orange Olsen Administrative Site (approximately 1/2 mile north of the campground) were categorized at extreme conditions relating to temperature, precipitation, lightning and wind. The extreme conditions were compared with site use data to analyze visitor satisfaction.

The low temperature data ($<= \overline{x}$ - 1/2 standard deviation) was related with precipitation and lightning level (See Appendix A, page A-3). Twelve of 15 days received precipitation and 13 days exceeded the lightning arithmetic mean. A low temperature and high wind relationship was not found.

The high temperature data ($>= \overline{x}$ + 1/2 standard deviation) was related with no precipitation and lightning level. No days received precipitation and 17 of 21 days were rated at the lowest lightning level. A high temperature and low wind relationship was not found. Rather, the greater wind velocity effect could have tended to reduce the high temperature impact. See Appendix A, page A-4.

Wind importance to camper satisfaction was analyzed as that which could create a one foot wave or greater and thus drive fishermen in boats from the reservoir. Days that could have produced a one foot high wave or greater (Lindsey and Franzini, 1964) were identified in Appendix A, page A-5. See Discussion Chapter for additional weather explanation.

## Visitor Assessment

### Visitor Interview Results

The campground quality was displayed through a visitor assessment. An interview form was developed (See Appendix C) and interviewers were trained. Respondents were interviewed on the schedules shown in Figures 2 - 7. The minimum time required to interview one respondent was 15 minutes.

A computer program was developed that analyzed and displayed the information by feature within category. The categories displayed preferences by visitor origin, camping equipment type and family type. Differences between categories were also analyzed. See Appendix D, pages D-1 to D-11 and D-14.

The visitor interview results produced feature preferences by activity, facility, maintenance and administrative categories. See Appendix D, pages D-12 and D-13.

There were 28 interview days picked and scheduled at random throughout the 144 day campground use period (5-14-87 to 10-6-87). See Figures 2 - 7. There was a 19 percent interview representation by day and included 14 weekdays and 14 weekend/holidays. There were 102 camping parties interviewed from a total of 1475. This was a 17 percent camper representation.

The preference by Visitor Origin Category, Visitor Interview Results (Appendix D) was related with the Visitor Origin Results (Appendix E) through query file information generated by the Fee Envelope Results (Appendix B). The following was the relationship (See Appendix E and Appendix D, pages D-1 and D-9):

| Visitor Origin Category | Visitor Interview Results | Visitor Origin Results |
|---|---|---|
| Other Areas | 12% | 9% |
| Local Carbon/ Emery Area | 31% | 29% |
| Wasatch Front Area | 57% | 58% |
| Intermediate Area | 0% | 2% |
| Unknown Area (Insufficient Information Category) | 0% | 2% |

It was deduced that since the Preference by Visitor Origin Category was generally related with the Visitor Origin Results, Preference by Camp Equipment Type and Preference by Family Type would also be related.

The interview respondents were asked to rate features numerically on a scale ranging from 1 through 4. See Appendix C. A score of 1 meant that the feature was not important while a score of 4 meant that the feature was very important. See Appendix D, pages D-12 and D-13.

Facility Condition Inventory Results

The Facility Condition Inventory (Appendix G) was developed to produce preferences by evidence of use and to display needs for specific sites. The evidence of use preferences were compared to the visitor interview results.

Features were inventoried in detail. The information was analyzed and subcategories were developed based upon existing site conditions and literature review results. Overall percentages in each subcategory were displayed. A column displaying the percentage each site was used for the period was developed from the Appendix B query file. The most used sites displayed a four percent use while the least used sites displayed a one percent use. The four percent sites were averaged by subcategory as were the one percent sites. Subcategory percentages (Appendix G, page G-3) were displayed with a score marked adjacent to the highest category percentage. The score was marked with an asterisk (*).

A category ranking factor was obtained by dividing the highest ranking subcategory scores (*) in each category for the four percent site average by the highest ranking subcategory scores (*) in each category for the one percent site average. Appendix G, page G-4, displayed the overall category rankings.

# CHAPTER 4
# DISCUSSION

## Discussion

### Origin of User

Appropriate campground service and communication concerning campground conditions could be provided through knowing the origin of the visitor. Hosts at Joes Valley Campground believed that users were primarly from Utah (Bill and Louise Weston, 1983). A visitor origin study was undertaken to gain more specific information. The core of the study was part of the more encompassing study which attempted to analyze data recorded on fee envelopes. See Appendix B. In Appendix E, four main population centers were identified as visitor origin areas. From the greatest use area to the least respectively, they were the Wasatch Front area, the major Utah population center; the Local Carbon/Emery County area, the greatest population center near the campground; the Other area, cities other than the Wasatch Front and Local area and far enough away from the campground that people would not be expected to camp and return home in one day; and the Intermediate area, cities between the distant and local areas.

The Wasatch Front area accounted for 58 percent of the campground use. It was followed by the Carbon/Emery County area, 29 percent; the Other area, 9 percent; and the Intermediate area, 2 percent. See Figure 1. Two percent of the origin by states and/or cities were unknown, due to visitor non-response. Ninety percent of the users brought recreational vehicles; 10 percent were tent campers; and 72 percent camped with children. See Appendix D, page D-1.

During the recent 1984 Land and Resource Management Plan planning process, the origin of the user at Joes Valley was unknown. Campground demand was based on the Carbon/Emery population projection increase as the result. The campground demand and visitor communication need to consider the Wasatch Front influence factor. A benefit of communicating through Salt Lake City

newpapers concerning campground conditions would be informing not only the Wastach Front visitors, but many of the Intermediate area visitors as well. Many Utahns read one of the two Salt Lake City based newspapers. This action could inform up to 60 percent of the users.

## Profile of Use

High weekend/holiday use at Joes Valley was very popular. See Figures 2-7 and Appendix F. Understanding the Profile of Use is invaluable in determining campground operation and maintenance levels and schedules. The overall use period ratio was 1:2.3. Two and one-third times as much use occurred on weekends and holidays as on weekdays. The most divergent situation occurred in May, it displayed a 1:4.7 relationship. The least divergent was in August with a 1:1.3 ratio. May received very little use during the weekdays and a great amount around Memorial Day. August didn't contain holidays and its weekday use remained fairly steady. In order to provide appropriate service, compliance checking and other operations should be emphazized especially on weekends and holidays. As use continues to grow, in addition to improving facilities (discussed under visitor assessment), a campground reservation system and a weekend differential pricing scheme should be considered as alternatives that could level the use between weekend/holidays and weekdays (Jackson and Schinkel, 1981).

### Monthly Use Relationships

July and August displayed the greatest use, followed respectively by June, September, May and October. See Figure 8. July contained two major holidays, Independence Day and Pioneer Day and exhibited dramatically high weekend use. See Figures 2 - 7. June received greater use than September because of school being in session during September. May displayed more use than October because October was not monitored long enough to include Columbus Day or the deer hunt (May accounted for Memorial Day). The following displays the percent of sites used by month:

| Month | Sites Occupied |
|---|---|
| July | 60% |
| August | 50% |
| June | 37% |
| May | 26% |
| September | 23% |
| October | 20% |
| Average | 33% |

See Appendix F for weekly results.

Weather Effects

Weather was not a dominant factor in reducing visitor use at Joes Valley Campground. Weather was divided into its three most extreme categories. The categories were low temperature with precipitation and lightning, high temperature without precipitation nor lightning and high winds. The low temperatures ranged from 54 degrees Fahrenheit to 68 degrees Fahrenheit. High temperatures ranged from 78 degrees Fahrenheit to 88 degrees Fahrenheit and high winds ranged from 18 to 36 miles per hour. A weather trend for each mild or intermediate day was found. Each of the category trends were compared to the mild weather trends by appropriate day. See Appendix A, page A-6. On the Number of Sites Occupied in August graph (Figure 5), consecutive low temperature days from the 23rd through the 26th appeared to adversely affect the weekly use pattern, however, it should be noted that school sessions in the state of Utah began during those days. It is interesting that the converse happened on June 18 (Figure 3). Weekend use was at a high for the week, while the temperature was at a low and the wind was blowing at 36 miles per hour.

Storms were short (Fletcher et al., 1981), and weather which was referred to here as extreme was apparently quite mild; therefore, campground popularity could have been due in part to good predictable weather.

## Multiple Family Use Relationships

Multiple family use at Joes Valley was much higher than expected. As a general guide, the Intermountain Region suggested providing 20 percent of the total campground capacity for multiple family use. Joes Valley displayed 48 percent multiple family use. See Appendix F, page F-9.

As many sites as practical, up to 48 percent, should be designated for multiple family use, with an appropriate fee placed on them. See Figure 9. This could bring in an additional one-third in fee collections, while keeping environmental deterioration within acceptable limits.

## Golden Age/Access

Golden Age/Access Passports accounted for 29.5 percent of the fee envelopes. See Appendix B, page B-55. The Golden Age/Access Passport holder got a real bargain. He received a 50 percent fee discount, and if he payed with camp stamps, he got another 15 percent. The state of Utah did away with this type of discount for overnight camping. They also charged by the passenger vehicle rather than by campsite (Division of Parks and Recreation Fee Schedule). Most private campgrounds in the area charged for the first two people and then for each additional person. These factors should be considered when setting fees for Joes Valley Campground.

## Visitor Assessment

### Activities

Fishing and relaxing were the two highest rated activities by the Joes Valley Campground users. See Appendix D, pages D-12 and D-13. This was consistent with general campground activitiy preferences (Jackson and Schinkel, 1981; McEwen, 1986). Camping and using the campground as a base of operations, boating, walking and viewing the natural scenery, family reunions and touring the local area, campfire programs, swimming and hunting were respectively the next highest rated activities. Canoeing and off highway vehicle touring were the lowest rated activities. The following sections discuss items such as fish-cleaning stations, privacy and site improvement needs which were functions of the preferred activities.

### Maintenance

Clean restrooms, clean campsites and well-maintained facilities were the highest rated maintenance items at Joes Valley. See Appendix D, page D-12. This was consistent with other campground preferences. Clean restrooms were preferred (Cordell, 1969, McEwen, 1986). Clean restful campsites were also preferred (McEwen, 1986, Strohmeier and Hammitt, 1980). Bill and Louise Weston (1983) stated that campers at Joes Valley appreciated the good maintenance the restrooms received.

### Facilities

Providing for shade at Joes Valley was the highest rated facility item. See Appendix D, page D-12. In other campgrounds, shade provision was also rated extremely high (Cordell, 1969; Cordell and James, 1972). Sixty-one percent of the parking spurs at Joes Valley Campground

contained no shade. Another 30 percent contained minimal shade. Forty-two percent of the picnic tables had no shade while 43 percent had less than 20 percent shade. See Appendix G, page G-2. Providing additional shade could increase the weekday use. It could also help the people with lawn chairs from hunting it. A tree-planting program for shade purposes should be implemented.

A trailer dump station was identified by Bill and Louise Weston. It ranked second in visitor preference. Quality could be added to the camping experience if one were provided (ninety percent of the users camped in recreational vehicles). See Figure 9.

Flush toilets were preferred over other toilet types (Cordell, 1969; McEwen, 1986). Joes Valley Campground was no exception. Flush toilets ranked highest in preference. See Appendix D, page D-12. Thirty-nine percent of the Joes Valley sites were served with recirculating chemical toilets (visitor second choice) while 61 percent were served with vault toilets (visitor third choice). See Appendix G. Since the toilets are a major investment and are in excellent condition, flush toilets could be provided during the next major reconstruction update.

Privacy was rated next by Joes Valley Campground respondents. It was ranked high in other studies as well (Cordell, 1969; McEwen, 1986; Molnar and Rutledge, 1985). Privacy in this study was a function of relaxation. Relatively few (twenty-four percent) of the sites were adequately screened. Tree planting for obnoxious views, noise and odor screening should be implemented. Major trails (the next item) should be located away from individual sites.

Additional parking was identified next in Joes Valley Campground. See Appendix D, page D-12. The earlier multiple family discussion identified a 48 percent multiple family use. Parking spurs long enough to

accommodate three vehicles accounted for 41 percent of the spurs. Those spurs where they could be grouped together (for ease of administration purposes) should be signed and used for multiple family use with an appropriate fee placed on them. See Figure 9. Bill and Louise Weston (1983) rated this problem as the campground's worst problem.

Nature trails existed and with minimal signing a route could be made obvious.

Formal tent spaces were preferred. Evidence of tent spaces accounted for an average of 1.33 tent spaces per site. To minimize resource deterioration, formal tent spaces should be provided.

Two camp stores in the vicinity exist. Users rated the store's need high. The store operators should be contacted to sell camp stamps and provide services which would be within their scope to provide.

Showers were rated next high by the respondents. Other studies documented this fact also (Cordell, 1969; McEwen, 1986). Showers could be considered at the same time that flush toilets are considered, during the next rehabilitation update.

Play areas were indicated last, possibly because adequate space existed in which to play. Appendix G, pages G-1 and G-2, identified six sites that displayed horseshoe pitch use. No further play area site identification is necessary.

In the other comments section of the questionnaire, Appendix C, campers were asked to comment on the distance to restrooms and water hydrants. They believed that the restroom distances were adequate, probably because

most adults used the self-contained recreation vehicles and would send the children to the restrooms. In commenting about the distance to water hydrants, the problem of cleaning fish in them invariably came up and the campers seemed happy to be far away from the hydrant.

Appendix D, page D-12, displayed user preferences by interview. Appendix G, page G-4, displayed facility and maintenance preferences by evidence of use. The following was a comparison of the top five facility items:

| Ranking | Interview Facility Item | Evidence of Use Facility Item |
|---|---|---|
| 1 | Shade | Shade on Table |
| 2 | Toilet Type | Toilet Type |
| 3 | Privacy | Shade on Spur |
| 4 | Additional Parking | Privacy |
| 5 | Formal Tent Spaces | Distance to Water Hydrant |

Additional parking was not considered in the evidence of use inventory, and should have been; the inventories displayed common relationships to that point. Appendix G displayed individual sites and exact deficiencies. It should be used as a guide to schedule future improvements.

Administration

The top administrative type category items were maintaining Forest Service and campground host visibility, providing communication for emergencies and maintaining a restful atmosphere. See Appendix D, page D-12. Bill and Louise Weston (1983) stated, "Ranger personnel who regularly work the campground, collect fees, etc., should be patrolling and very visible on peak weekends." An overall law enforcement program should be developed and administered. It would also be wise to consider 2-way radios in the campground trucks and have the radio people at Orange Olsen Administrative Site available for emergency messages. This would need to be managed, however.

Visitors expressed annoyances associated with motorcycles, alcoholic parties, barking dogs, loud generators, air conditioners and social activities. This was typical of other areas (McEwen, 1986). Existing rules should be enforced with an active law enforcement program.

Differences In User Preferences

The local user preferred large group sites (45-60 persons at one time/site), family reunions in the campground and using the campground during the hunting seasons. Ninety percent of all site visits were oriented to recreation vehicles; users preferred shade, a trailer dump station, walking and relaxation. The tenters accounted for 10 percent of the visits and were more private than the recreation vehicle owners. They visited the campground in smaller groups and were more satisfied with the existing toilet facilities. Adults with children preferred active sports, such as hunting and canoeing. See Appendix D, page D-14. All the users seemed to be more alike than different, which was similar to that found in other campgrounds by D. McEwen (1986).

# CHAPTER 5
# SUMMARY

Summary

The study of visitor profile and visitor preferences affecting campground use could give the manager confidence to make appropriate decisions. He would know who the user was and what the user expected in both service and product. Based on this, the manager could make the most of his resources.

The major use at Joes Valley Campground originated from the Wasatch Front area followed by the Local area and then Other areas. The user arrived with a recreation vehicle and children. Approximately one-third of the adults were retired.

His reasons for comming were for fishing and relaxing in the natural environment.

Upon arriving at the campground, the user expected to find facilities clean and well maintained.

Shade, privacy, adequate parking spaces and proximity to an odor free restroom and water hydrant were his criteria for selecting a campsite. He was disappointed that there were no fish cleaning or trailer dump stations. He would have been happy to have been welcomed by a campground host and would have been relieved to know that a Forest officer would be available.

## Conclusions

### Retired Visitors

A surprising 28 percent of campground use was by Golden Age/Access Passport holders. The passport holder was retired, rather than physically or mentally impaired (as indicated from visitor inter views). It was assumed that he rated Forest Service and host visibility high because of his need for security and that he camped in a recreational vehicle for security and convenience (safety, clean facilities, showers, shade, privacy, etc.) purposes. If site visits by this group were occurring on weekends and holidays, it may be possible to manipulate them to take advantage of low weekday use, thus tending to level peak weekend and holiday use. An in-depth study on this group's profile and campground preferences should be undertaken to verify their needs.

### Wasatch Front Visitors

Fifty-eight percent of the campground visitors originated from the Wasatch Front while 29 percent originated from the local Carbon/ Emery County area. This contrasted with the existing belief that the campground users originated primarily from the Carbon/Emery County area. The campground's location allowed for the Wasatch Front visitor to reach the campground Friday evening and return home Saturday evening or Sunday morning. This use profile should be typical of other use on the Manti Division, Manti-LaSal National Forest. This should be verified and appropriate services provided Forest-wide.

### Multiple Families

Forty-eight percent of the recreation use at Joes Valley Campground was multiple-family oriented. This was much greater than the expected twenty percent. Other campground sampling, regionally and nationally, would be appropriate to determine if the 48 percent multiple family use at Joes Valley Campground was unique or typical of other sites.

### Recreational Vehicles

Ninety percent of the campground visitors camped in recreational vehicles as opposed to tents. This use was much greater than expected. Limited shade and privacy could have been the reason for the exceptionally high recreational vehicle use. The fact that the recreation vehicle camper preferred a trailer dump station and a fish-cleaning station was expected.

Under the Forest Pack-In/Pack-Out garbage policy, there were 5,000 to 6,000 pounds of non-consumptive fish remains that should have been buried and/or packed out in 1987 (Donaldson, 1988). During the interview phase of this project, users complained continuously about campers cleaning fish in the water hydrants. This was probably the reason that distance from recreation sites to water hydrants contrasted to that of other studies.

## Recommendations

Provide the following services in Joes Valley Campground (to meet the public needs identified in this report) as soon as practicable:

| Recommended Services | | | |
|---|---|---|---|
| Administrative | Maintenance | Facility | Activity |
| Provide FS and Host Visibility<br><br>Provide Communication for Emergencies<br><br>Control Motorcycles and Noise<br><br>Control Alchol Parties, Barking Dogs and Provide First Aid Service<br><br>Provide Identifiable Staff Dress<br><br>Post a Campground Map<br><br>Control Generators, Air Conditioners and Loud Social Activities | Maintain Clean Restrooms and Clean Campsites<br><br>Maintain all Other Facilities | Provide Shade<br><br>Provide a Trailer Dump Station<br><br>Provide a Fish Cleaning Station<br><br>Maintain Privacy at Camp Sites<br><br>Provide for Adequate Multiple-Family Camping Needs<br><br>Provide Nature Trails and Formal Tent Spaces<br><br>Maintain a Camp Store | Maintain the Fishing Opportunity<br><br>Maintain the Restful Atmosphere<br><br>Maintain the Boating Opportunity<br><br>Provide for Walking and Maintain Natural Landscape Viewing<br><br>Provide for Family Reunions and Touring the Area<br><br>Provide Campfire Programs<br><br>Provide for Swimming and Hunting Needs |

Expand on this assessment by developing a broader study of the entire Joes Valley Recreation Complex including the boat ramp, marina, fisherman parking, campground, visitor information facility, etc.

Encourage appropriate studies locally, regionally and/or nationally to determine if the conclusions in this report were representative of the user profile and preferences associated with other campgrounds.

# CHAPTER 6
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## Literature Cited


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# CHAPTER 7
# LIST OF FIGURES

# CAMPSITES OCCUPIED BY VISITOR ORIGIN

## (FROM 1987 FEE ENVELOPES)

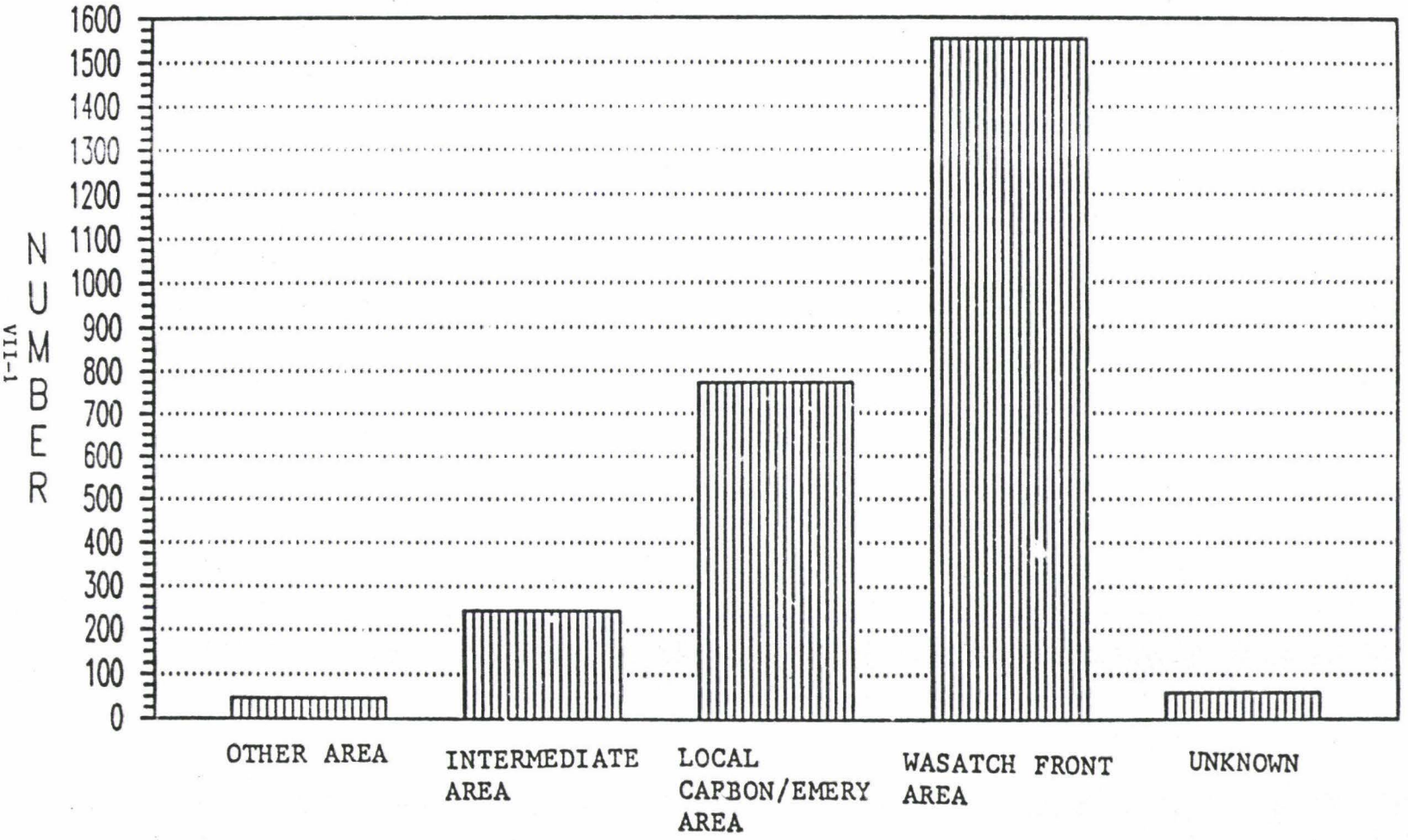


FIGURE 1

# NUMBER OF SITES OCCUPIED IN MAY
## (FROM 1987 FEE ENVELOPES)

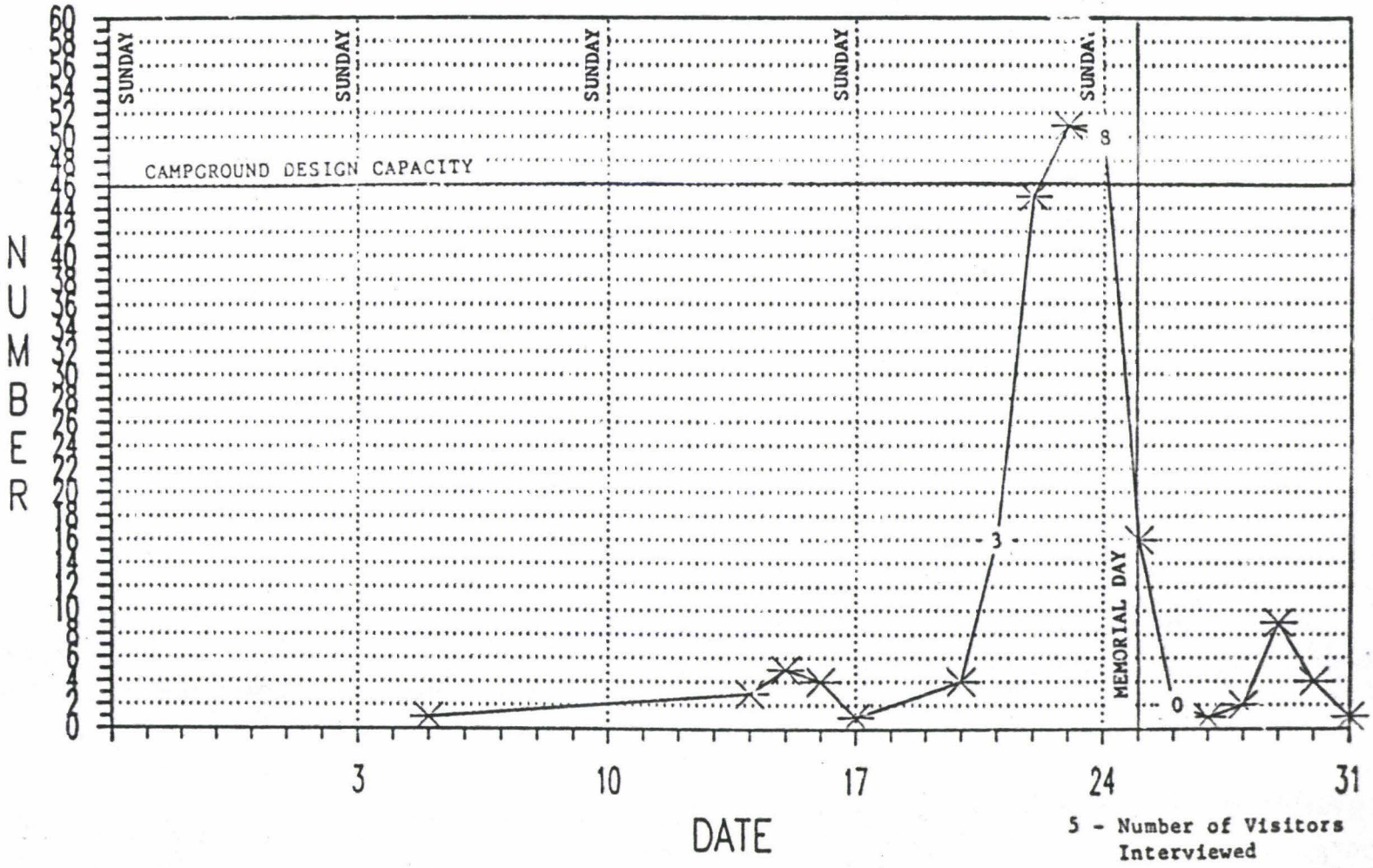


FIGURE 2

# NUMBER OF SITES OCCUPIED IN JUNE

## (FROM 1987 FEE ENVELOPES)

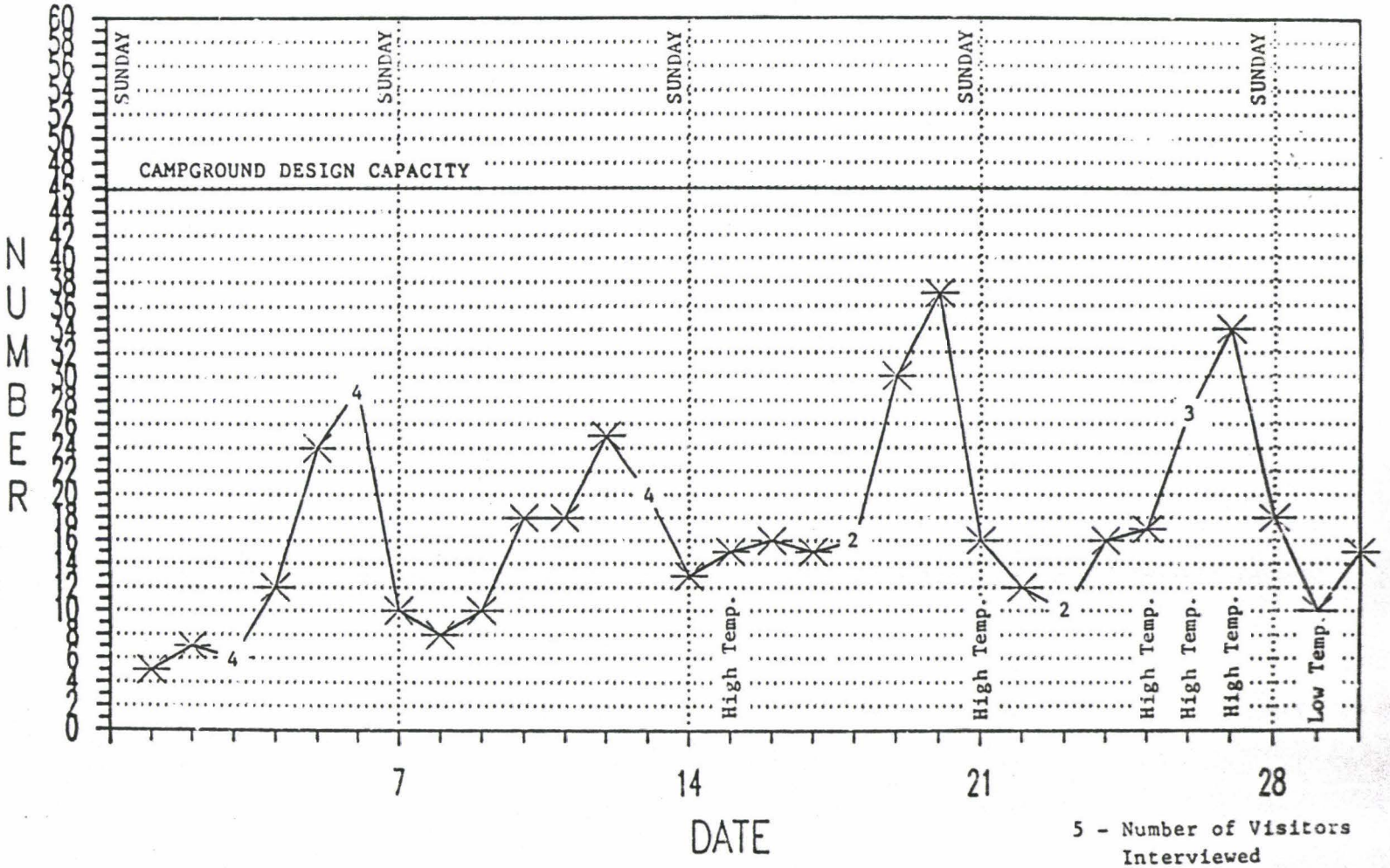




FIGURE 3

# NUMBER OF SITES OCCUPIED IN JULY
## (FROM 1987 FEE ENVELOPES)

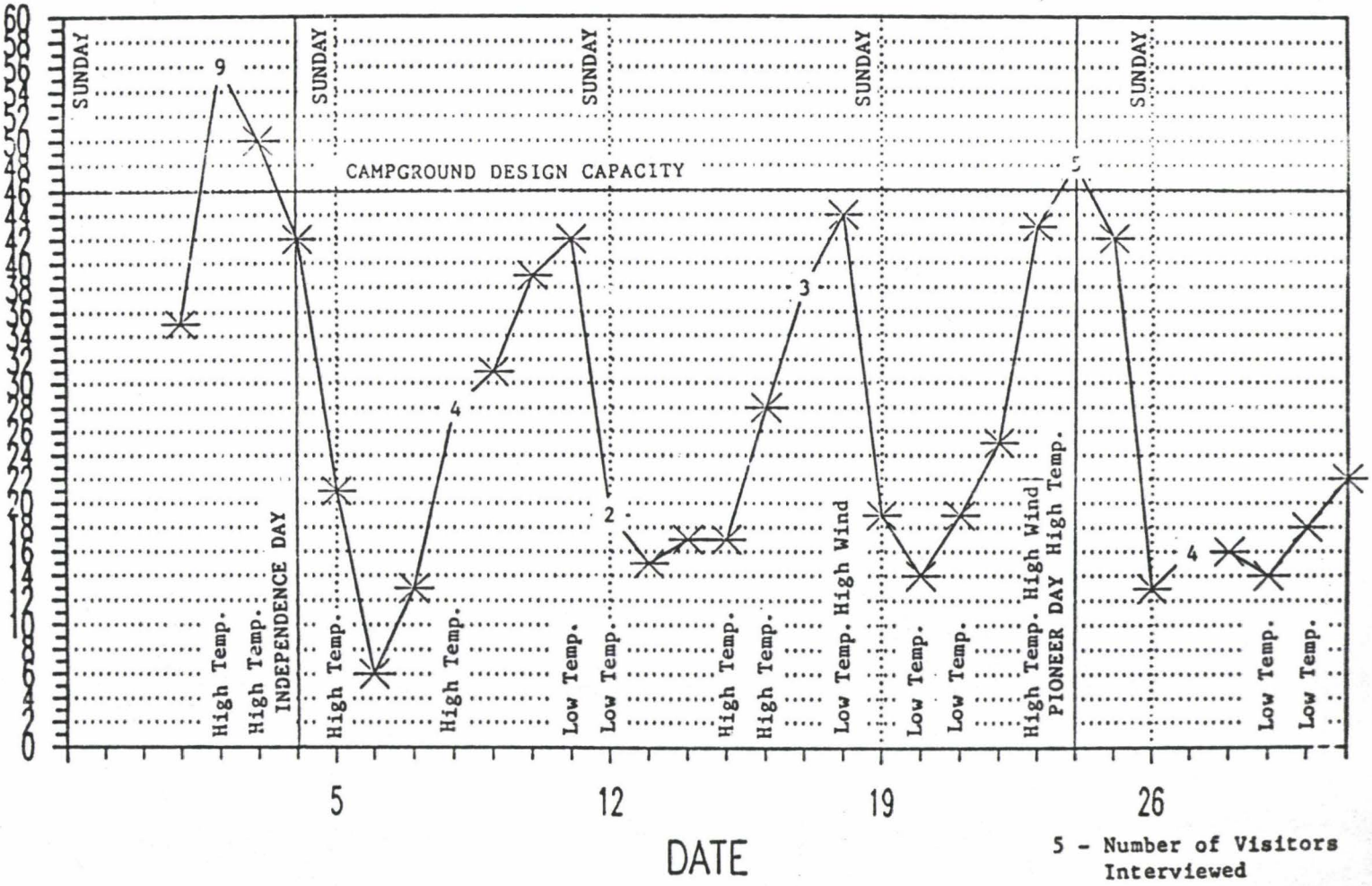


FIGURE 4

# NUMBER OF SITES OCCUPIED IN AUGUST
## (FROM 1987 FEE ENVELOPES)

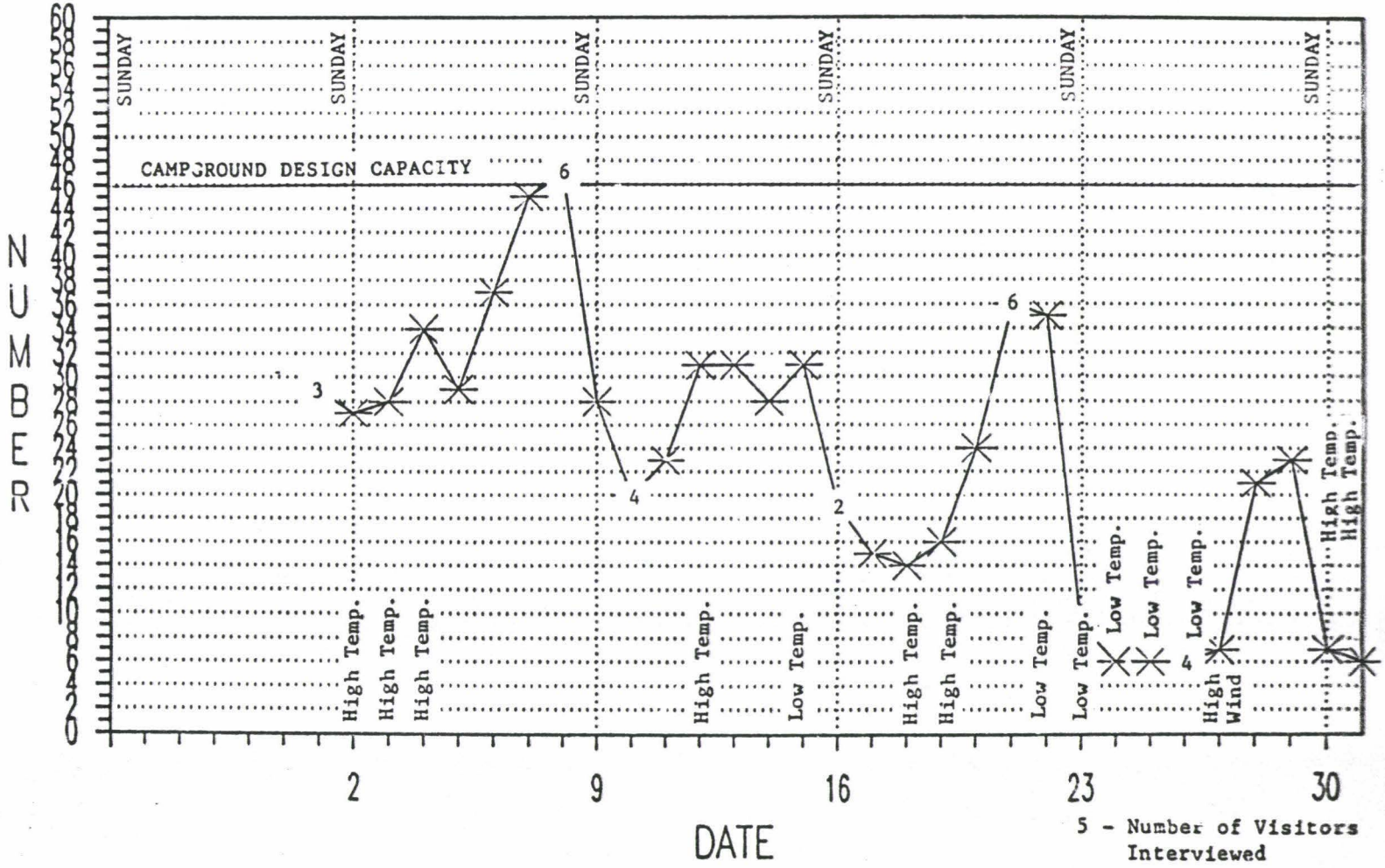


FIGURE 5

# NUMBER OF SITES OCCUPIED IN SEPTEMBER
## (FROM 1987 FEE ENVELOPES)

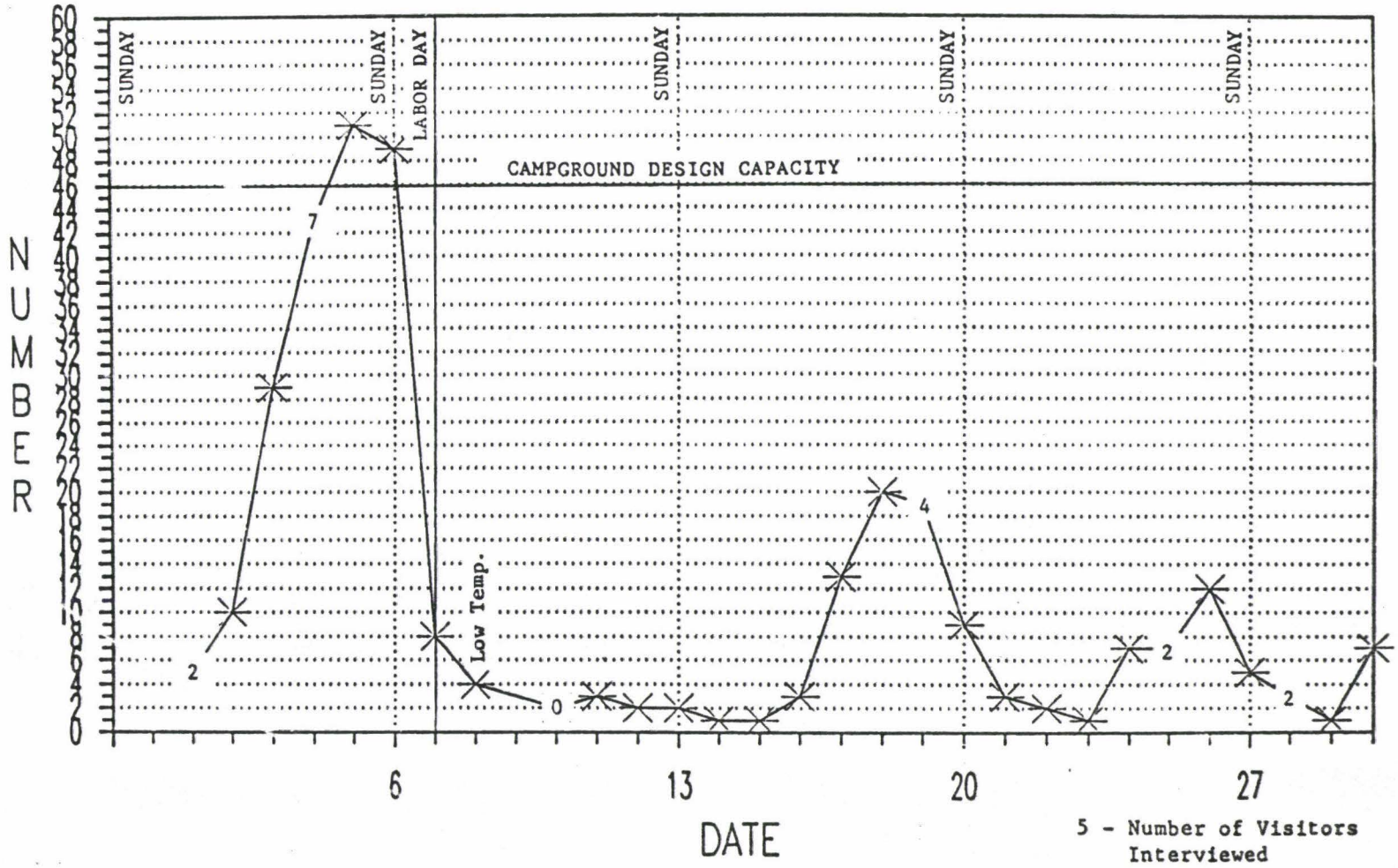


FIGURE 6

# NUMBER OF SITES OCCUPIED IN OCTOBER

## (FROM 1987 FEE ENVELOPES)

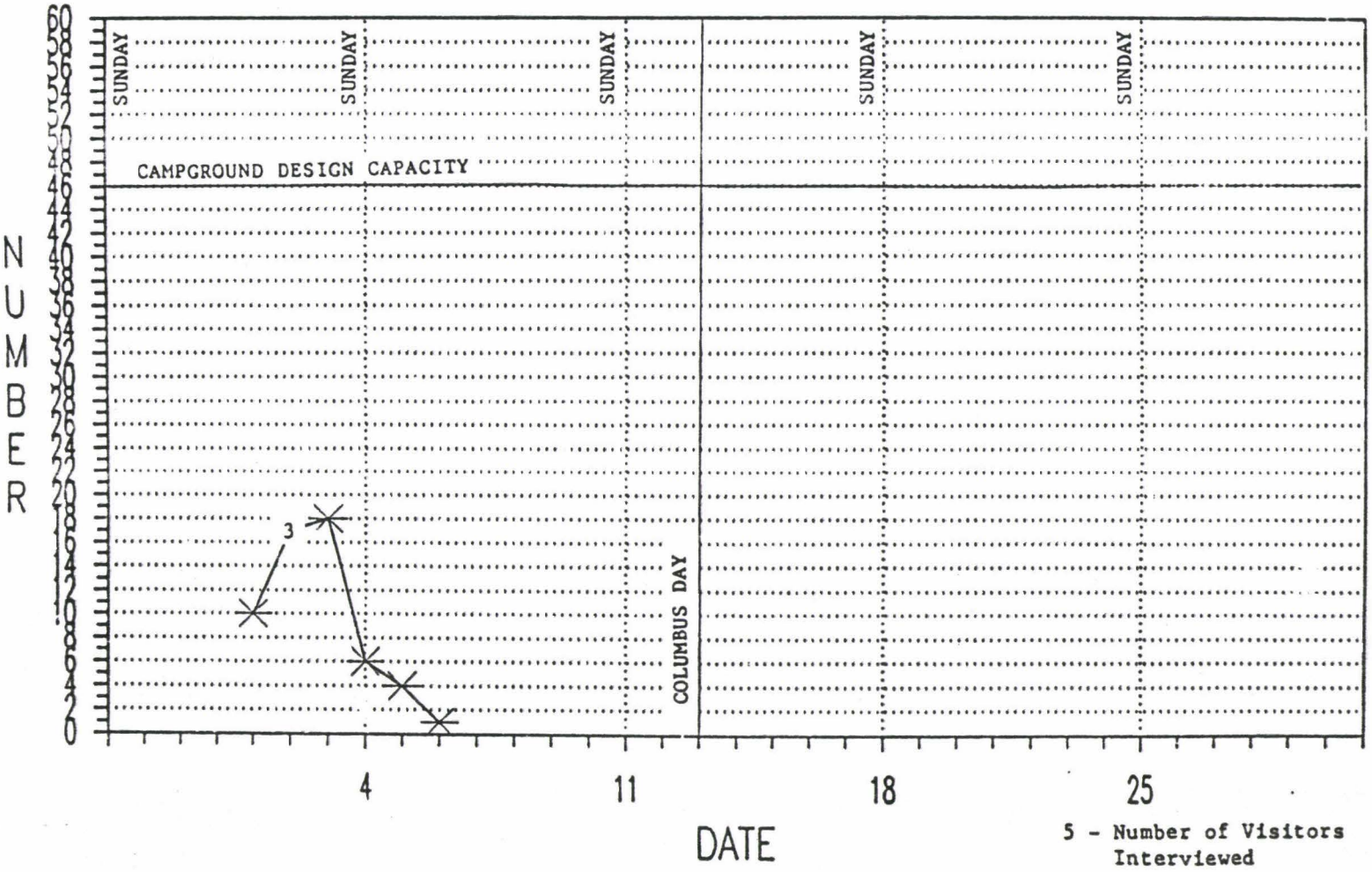


FIGURE 7

# CAMPSITES OCCUPIED BY MONTH

## (FROM 1987 FEE ENVELOPES)

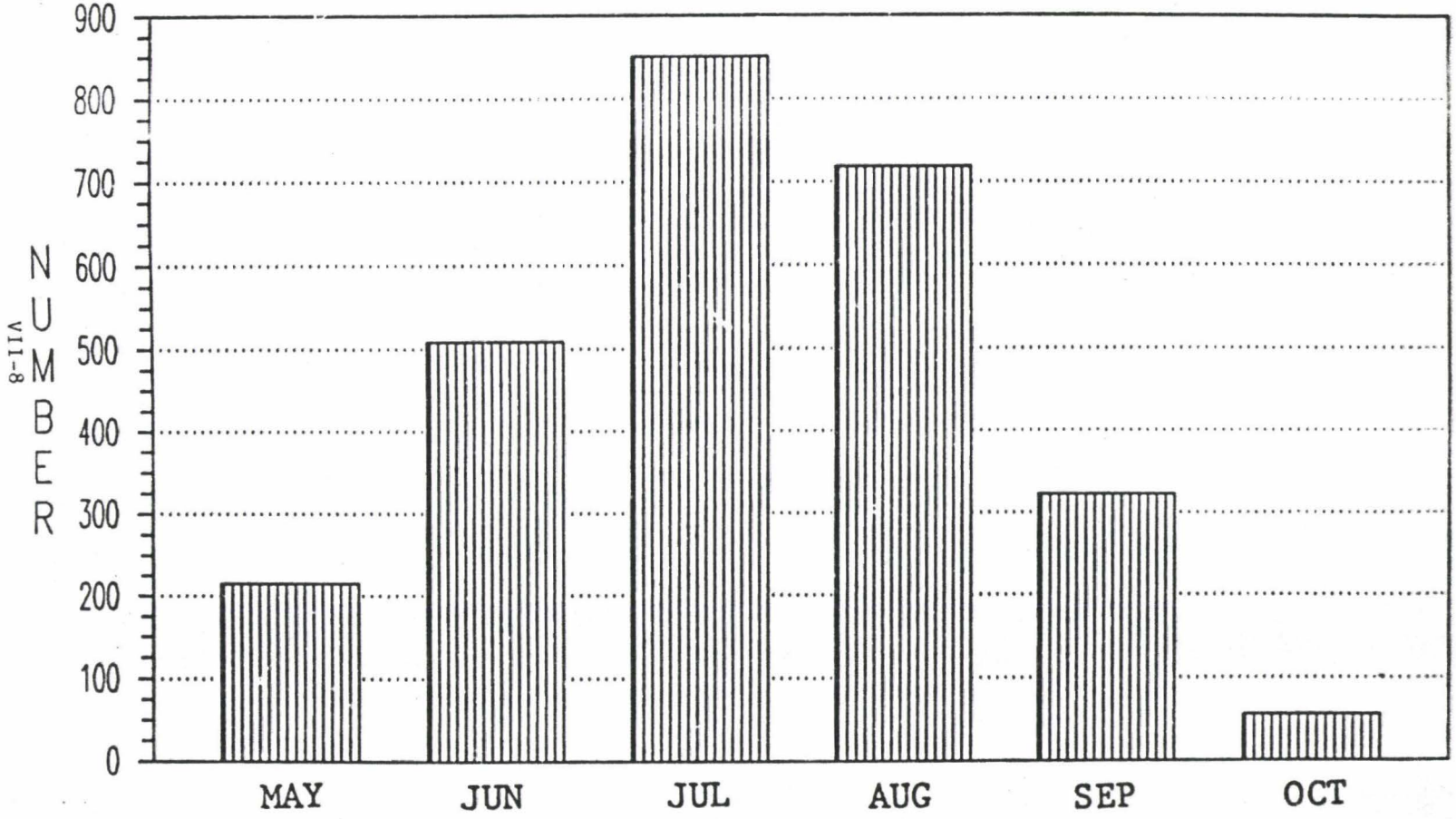




FIGURE 8

# JOES VALLEY CAMPGROUND

## MULTIPLE FAMILY SCHEMATIC PLAN

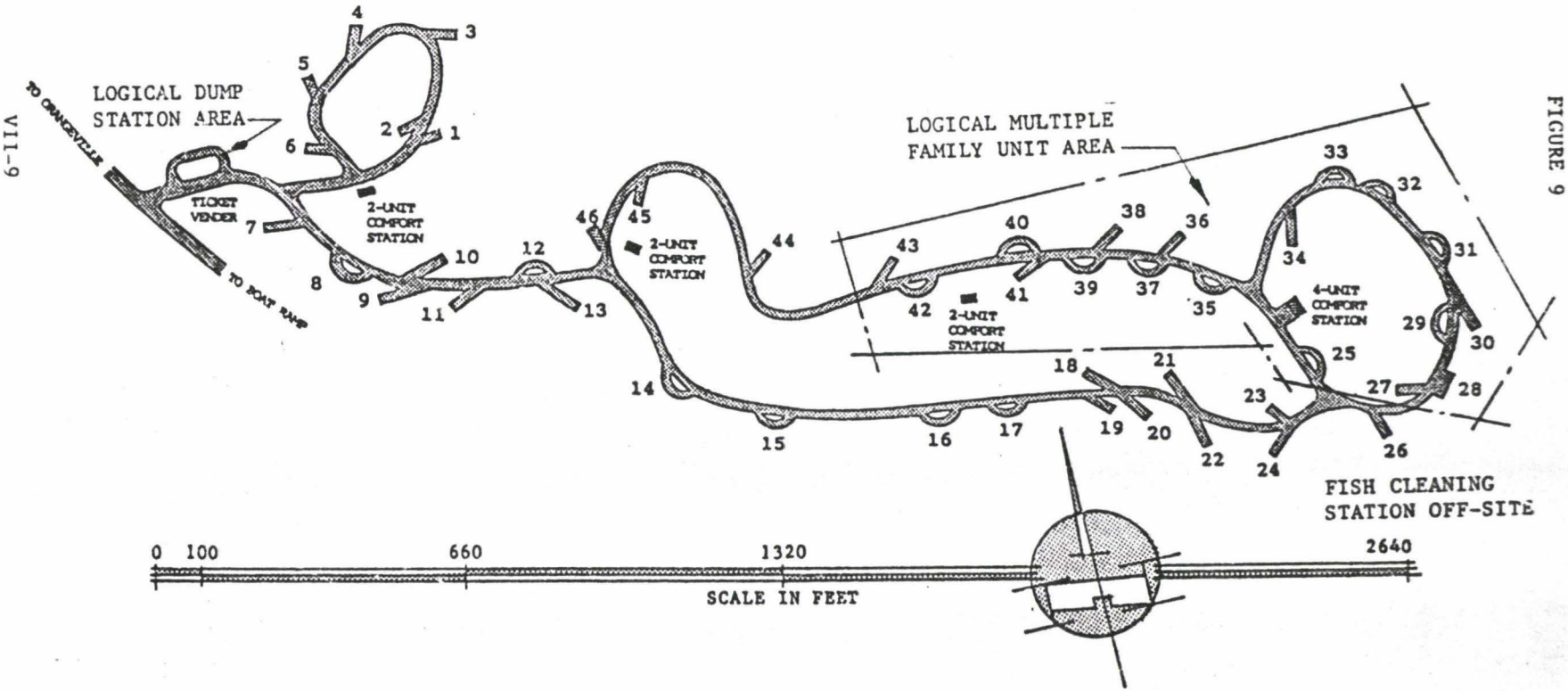
LOGICAL DUMP STATION AREA
TO ORANGEVILLE
TO BOAT RAMP
TICKET VENDER
2-UNIT COMFORT STATION
2-UNIT COMFORT STATION
2-UNIT COMFORT STATION
LOGICAL MULTIPLE FAMILY UNIT AREA
4-UNIT COMFORT STATION
FISH CLEANING STATION OFF-SITE
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46
0 100 660 1320 2640
SCALE IN FEET

FIGURE 9

# CHAPTER 8
# APPENDIX

## APPENDIX A

### Weather Results

| Month | Day | Temp. F | Wind Velocity m.p.h. | Wind Direction | Precipitation Inches | Yesterday's Lightning Level |
|---|---|---|---|---|---|---|
| 6 | 15 | 78 | 9 | NW | 0.00 | 2 |
| 6 | 16 | 71 | 8 | SW | 0.00 | 2 |
| 6 | 17 | 74 | 10 | SW | 0.00 | 1 |
| 6 | 18 | 74 | 14 | W | 0.00 | 1 |
| 6 | 19 | 73 | 23 | W | 0.00 | 1 |
| 6 | 20 | -- | -- | -- | -- | -- |
| 6 | 21 | 80 | 6 | S | 0.00 | 1 |
| 6 | 22 | 70 | 8 | SE | 0.00 | 1 |
| 6 | 23 | 75 | 0 | SE | 0.00 | 1 |
| 6 | 24 | 77 | 7 | E | 0.00 | 1 |
| 6 | 25 | 88 | 8 | W | 0.00 | 1 |
| 6 | 26 | 78 | 5 | NW | 0.00 | 1 |
| 6 | 27 | 81 | 10 | NW | 0.00 | 1 |
| 6 | 28 | 70 | 10 | NE | 0.00 | 1 |
| 6 | 29 | 61 | 1 | SW | 0.03 | 2 |
| 6 | 30 | 74 | 8 | SE | 0.33 | 4 |
| 7 | 1 | 77 | 10 | NW | 0.00 | 1 |
| 7 | 2 | 79 | 7 | SW | 0.00 | 1 |
| 7 | 3 | 78 | 9 | N | 0.00 | 1 |
| 7 | 4 | 77 | 8 | SE | 0.00 | 1 |
| 7 | 5 | 79 | 8 | SW | 0.00 | 1 |
| 7 | 6 | 75 | 6 | SW | 0.00 | 1 |
| 7 | 7 | 78 | 5 | SW | 0.00 | 1 |
| 7 | 8 | 83 | 7 | SW | 0.00 | 1 |
| 7 | 9 | 73 | 9 | W | 0.00 | 1 |
| 7 | 10 | 74 | 3 | W | 0.00 | 0 |
| 7 | 11 | 59 | 3 | W | 0.06 | 1 |
| 7 | 12 | 61 | 9 | W | 0.19 | 3 |
| 7 | 13 | 75 | 4 | NW | [illegible] | 1 |
| 7 | 14 | 77 | 3 | W | 0.00 | 1 |
| 7 | 15 | 80 | 3 | SW | 0.00 | 1 |
| 7 | 16 | 78 | 5 | E | 0.00 | 2 |
| 7 | 17 | 69 | 21 | SE | 0.12 | 2 |
| 7 | 18 | 67 | 36 | SW | 0.00 | 2 |
| 7 | 19 | 70 | 15 | SE | 0.00 | |
| 7 | 20 | 54 | 6 | SW | 0.01 | 1 |
| 7 | 21 | 62 | 0 | N | 0.23 | 2 |
| 7 | 22 | 74 | 12 | SE | 0.05 | 2 |
| 7 | 23 | 79 | 18 | S | 0.00 | 1 |
| 7 | 24 | 84 | 8 | E | 0.00 | 1 |
| 7 | 25 | 72 | 7 | NE | 0.00 | 1 |
| 7 | 26 | 76 | 10 | SW | 0.28 | 3 |
| 7 | 27 | 70 | 8 | SW | 0.00 | 2 |
| 7 | 28 | 74 | 9 | SE | 0.00 | 2 |
| 7 | 29 | 60 | 1 | NE | 0.45 | 2 |
| 7 | 30 | 65 | 8 | S | 0.25 | 2 |
| 7 | 31 | 70 | 10 | SE | 0.52 | 2 |

**Weather Results**

| Month | Day | Temp. F | Wind Velocity m.p.h. | Wind Direction | Precipitation Inches | Yesterday's Lightning Level |
|---|---|---|---|---|---|---|
| 8 | 1 | 77 | 6 | SW | 0.00 | 2 |
| 8 | 2 | 82 | 6 | NW | 0.00 | 1 |
| 8 | 3 | 78 | 10 | S | 0.00 | 2 |
| 8 | 4 | 81 | 13 | NW | 0.00 | 2 |
| 8 | 5 | 77 | 5 | S | 0.00 | 1 |
| 8 | 6 | 75 | 10 | S | 0.00 | 1 |
| 8 | 7 | 74 | 9 | W | 0.20 | 1 |
| 8 | 8 | 76 | 7 | SW | 0.00 | 2 |
| 8 | 9 | 71 | 9 | NE | 0.00 | 1 |
| 8 | 10 | 74 | 3 | SE | 0.00 | 3 |
| 8 | 11 | 77 | 8 | SW | 0.02 | 2 |
| 8 | 12 | 78 | 4 | E | 0.00 | 1 |
| 8 | 13 | 71 | 6 | W | 0.00 | 1 |
| 8 | 14 | 71 | 15 | W | 0.00 | 2 |
| 8 | 15 | 65 | 8 | SW | 0.05 | 2 |
| 8 | 16 | 70 | 10 | SW | 0.00 | 2 |
| 8 | 17 | 75 | 3 | SW | 0.00 | 1 |
| 8 | 18 | 79 | 8 | SW | 0.00 | 1 |
| 8 | 19 | 81 | 9 | W | 0.00 | 1 |
| 8 | 20 | 75 | 10 | S | 0.00 | 1 |
| 8 | 21 | 72 | 3 | N | 0.00 | 3 |
| 8 | 22 | 65 | 0 | -- | 0.62 | 3 |
| 8 | 23 | 64 | 8 | E | 0.00 | 3 |
| 8 | 24 | 66 | 5 | NE | 0.00 | 3 |
| 8 | 25 | 66 | 2 | SE | 0.02 | 2 |
| 8 | 26 | 68 | 8 | SW | 0.02 | 2 |
| 8 | 27 | 70 | 21 | N | 0.00 | 2 |
| 8 | 28 | 71 | 15 | SW | 0.00 | 2 |
| 8 | 29 | 74 | 12 | N | 0.00 | 2 |
| 8 | 30 | 78 | 18 | SW | 0.00 | 1 |
| 8 | 31 | 79 | 5 | SW | 0.00 | 1 |
| 9 | 1 | -- | -- | -- | -- | -- |
| 9 | 2 | -- | -- | -- | -- | -- |
| 9 | 3 | 69 | 23 | W | 0.00 | 5 |
| 9 | 4 | -- | -- | -- | -- | -- |
| 9 | 5 | 70 | 11 | W | 0.00 | 1 |
| 9 | 6 | -- | -- | -- | -- | -- |
| 9 | 7 | 72 | 8 | SW | 0.05 | 3 |
| 9 | 8 | 68 | 6 | SE | 0.03 | 3 |
| 9 | 12 | 71 | 13 | E | 0.00 | 1 |
| Arithmetic Mean: | | $\bar{X}$=73.21 | $\bar{X}$=8.68 | | $\bar{X}$=0.04 | $\bar{X}$=1.62 |
| Standard Deviation: | | SD=9.54 | SD=5.75 | | SD=0.12 | SD=0.84 |
| Range: | | R=34 | R=36 | | R=0.62 | R=5 |

**Summary Analysis**

Low Temperature, Precipitation, and Lightning Relationship

| Month | Day | Temp. F | Wind Velocity m.p.h. | Wind Direction | Precipitation Inches | Yesterday's Lightning Level |
|---|---|---|---|---|---|---|
| 6 | 29 | 61 | 1 | SW | 0.03 | 2 |
| 7 | 11 | 59 | 3 | W | 0.06 | 1 |
| 7 | 12 | 61 | 9 | W | 0.19 | 3 |
| 7 | 18 | 67 | 36 | SW | 0.00 | 2 |
| 7 | 20 | 54 | 6 | SW | 0.01 | 1 |
| 7 | 21 | 62 | 0 | N | 0.23 | 2 |
| 7 | 29 | 60 | 1 | NE | 0.45 | 2 |
| 7 | 30 | 65 | 8 | S | 0.25 | 2 |
| 8 | 15 | 65 | 8 | SW | 0.05 | 2 |
| 8 | 22 | 65 | 0 | -- | 0.62 | 3 |
| 8 | 23 | 64 | 8 | E | 0.00 | 3 |
| 8 | 24 | 66 | 5 | N | 0.00 | 3 |
| 8 | 25 | 66 | 2 | SE | 0.02 | 2 |
| 8 | 26 | 68 | 8 | SW | 0.02 | 2 |
| 9 | 8 | 68 | 6 | SE | 0.03 | 3 |
| Arithmetic Mean: | | $\bar{x}$ - 1/2 SD= 68.44 | | | | $\bar{X}$=1.62 |
| Precipitation: | | | | | P> 0.00 | |

**Summary Analysis**

High Temperature, No Precipitation, and Low Lightning Relationship

| Month | Day | Temp. F | Wind Velocity m.p.h. | Wind Direction | Precipitation Inches | Yesterday's Lightning Level |
|---|---|---|---|---|---|---|
| 6 | 15 | 78 | 9 | NW | 0.00 | 2 |
| 6 | 21 | 80 | 6 | S | 0.00 | 1 |
| 6 | 25 | 88 | 8 | W | 0.00 | 1 |
| 6 | 26 | 78 | 5 | NW | 0.00 | 1 |
| 6 | 27 | 81 | 10 | NW | 0.00 | 1 |
| 7 | 2 | 79 | 7 | SW | 0.00 | 1 |
| 7 | 3 | 78 | 9 | N | 0.00 | 1 |
| 7 | 5 | 79 | 8 | SW | 0.00 | 1 |
| 7 | 8 | 83 | 7 | SW | 0.00 | 1 |
| 7 | 15 | 80 | 3 | SW | 0.00 | 1 |
| 7 | 16 | 78 | 5 | E | 0.00 | 2 |
| 7 | 23 | 79 | 18 | S | 0.00 | 1 |
| 7 | 24 | 84 | 8 | SE | 0.00 | 1 |
| 8 | 2 | 82 | 6 | NW | 0.00 | 1 |
| 8 | 3 | 78 | 10 | S | 0.00 | 2 |
| 8 | 4 | 81 | 13 | NW | 0.00 | 2 |
| 8 | 12 | 78 | 4 | E | 0.00 | 1 |
| 8 | 18 | 79 | 8 | SW | 0.00 | 1 |
| 8 | 19 | 81 | 9 | W | 0.00 | 1 |
| 8 | 30 | 78 | 18 | SW | 0.00 | 1 |
| 8 | 31 | 79 | 5 | SW | 0.00 | 1 |
| Precipitation: | | $\bar{x}$ + 1/2 SD= 78 | | | P=0.00 | |

**Summary Analysis**

Heavy Wind Conditions

| Month | Day | Wind Velocity m.p.h. | Wind Direction | Fetch Miles | Wave Height Feet |
|---|---|---|---|---|---|
| 7 | 18 | 36 | SW | 1.5 | 1.8 |
| 7 | 23 | 18 | S | 3 | 1.2 |
| 8 | 27 | 21 | N | 3 | 1.4 |

Wave Height Formula: $Zw = (0.034)\ Vw^{1.06}\ F^{0.47}$

Where: Zw = Wave Height
Vw = Wind Velocity
F = Fetch

WEATHER EFFECTS ON PATTERN OF USE - SUMMARY

| Use Days May 14 to October 6 | Mild Weather Days | Low Temp. Days | High Temp. Days | High Wind Days | Total Days | Remarks |
|---|---|---|---|---|---|---|
| **Sundays** | | | | | | |
| Trend Up | 0 | 0 | 0 | | 0 | Trend Match |
| Trend Down | 13 | 2 | 4 | | 19 | Bad weather was |
| Trend Level | 1 | 0 | 0 | | 1 | probably not an |
| Avg Trend | Down | Down | Down | | | adverse effect factor. |
| **Mondays** | | | | | | |
| Trend Up | 2 | 0 | 2 | | 4 | Trend Match |
| Trend Down | 12 | 3 | 1 | | 16 | Bad weather was |
| Trend Level | 0 | 0 | 0 | | 0 | probably not an |
| Avg Trend | Down | Down | Up | | | adverse effect factor. |
| **Tuedsays** | | | | | | |
| Trend Up | 7 | 1 | 1 | | 9 | Trend Match |
| Trend Down | 5 | 1 | 1 | | 7 | Bad weather was |
| Trend Level | 3 | 1 | 0 | | 4 | probably not an |
| Avg Trend | Variable | Variable | Variable | | | adverse effect factor. |
| **Wednesdays** | | | | | | |
| Trend Up | 7 | 0 | 3 | | 10 | Up Trend |
| Trend Down | 5 | 1 | 0 | | 6 | Bad weather was |
| Trend Level | 0 | 1 | 1 | | 2 | not an adverse |
| Avg Trend | Up | Variable | Up | | | effect factor. |
| **Thursdays** | | | | | | |
| Trend Up | 11 | 1 | 4 | 2 | 18 | Up Trend |
| Trend Down | 1 | 0 | 0 | 0 | 1 | Bad weather was |
| Trend Level | 2 | 0 | 0 | 0 | 2 | not an adverse |
| Avg Trend | Up | Up | Up | Up | | effect factor. |
| **Fridays** | | | | | | |
| Trend Up | 16 | 0 | 2 | | 18 | Up Trend |
| Trend Down | 1 | 0 | 1 | | 2 | Bad weather was |
| Trend Level | 1 | 0 | 0 | | 1 | not an adverse |
| Avg Trend | Up | -- | Up | | | affect factor. |
| **Saturdays** | | | | | | |
| Trend Up | 8 | 3 | 1 | 1 | 13 | Up Trend |
| Trend Down | 7 | 1 | 0 | 0 | 8 | Bad weather was |
| Trend Level | 0 | 0 | 0 | 0 | 0 | not an adverse |
| Avg Trend | Up | Up | Up | Up | | affect factor. |

Note: The standard (day) trends were considered to be those in the mild weather category. Other (day) trends were compared against the standard.

APPENDIX B
FEE ENVELOPE RESULTS

| SITE # | STATE | CITY | DAY | MONTH | FEES $ | LOS DAYS | PAOT | PASS-PORTS | CAMP STAMPS |
|---|---|---|---|---|---|---|---|---|---|
| 2 | WY | EVANSTON | 5 | 5 | 4 | 1 | 3 | N | N |
| 2 | WY | EVANSTON | 14 | 5 | 4 | 1 | 3 | N | N |
| 24 | UT | PROVO | 14 | 5 | 4 | 2 | 2 | Y | N |
| 24 | UT | PROVO | 15 | 5 | | | 2 | | |
| 28 | UT | SLC | 14 | 5 | 6 | 3 | 3 | Y | N |
| 28 | UT | SLC | 15 | 5 | | | 3 | | |
| 28 | UT | SLC | 16 | 5 | | | 3 | | |
| 20 | UT | OREM | 15 | 5 | 4 | 1 | 2 | N | N |
| 20 | UT | SANDY | 15 | 5 | 4 | 1 | 10 | N | N |
| 33 | UT | ROY | 15 | 5 | 8 | 2 | 4 | N | N |
| 33 | UT | ROY | 16 | 5 | | | 4 | | |
| 2 | WY | EVANSTON | 16 | 5 | 4 | 1 | 3 | N | N |
| 22 | UT | PROVO | 16 | 5 | 4 | 1 | 7 | N | N |
| 2 | WY | EVANSTON | 17 | 5 | 4 | 1 | 3 | N | N |
| 24 | CA | SAN DIEGO | 20 | 5 | 2 | 1 | 2 | Y | N |
| 28 | UT | OGDEN | 20 | 5 | 20 | 5 | 4 | N | N |
| 28 | UT | OGDEN | 21 | 5 | | | 4 | | |
| 28 | UT | OGDEN | 22 | 5 | | | 4 | | |
| 28 | UT | OGDEN | 23 | 5 | | | 4 | | |
| 28 | UT | OGDEN | 24 | 5 | | | 4 | | |
| 30 | UT | KAYSVILLE | 20 | 5 | 4 | 1 | 4 | N | N |
| 31 | CA | SAN DIEGO | 20 | 5 | 4 | 1 | 2 | N | N |
| 3 | UT | SLC | 21 | 5 | 6 | 3 | 5 | Y | N |
| 3 | UT | SLC | 22 | 5 | | | 5 | | |
| 3 | UT | SLC | 23 | 5 | | | 5 | | |
| 5 | UT | WEST JORDAN | 21 | 5 | 8 | 2 | 5 | N | N |
| 5 | UT | WEST JORDAN | 22 | 5 | | | 5 | | |
| 6 | UT | SLC | 21 | 5 | 4 | 1 | 8 | N | N |
| 10 | UT | HUNTINGTON | 21 | 5 | 12 | 3 | 9 | N | N |
| 10 | UT | HUNTINGTON | 22 | 5 | | | 9 | | |
| 10 | UT | HUNTINGTON | 23 | 5 | | | 9 | | |
| 11 | UT | MILLCREEK | 21 | 5 | 8 | 2 | 4 | N | N |
| 11 | UT | MILLCREEK | 22 | 5 | | | 4 | | |
| 12 | UT | PRICE | 21 | 5 | 12 | 3 | 4 | N | N |
| 12 | UT | PRICE | 22 | 5 | | | 4 | | |
| 12 | UT | PRICE | 23 | 5 | | | 4 | | |
| 14 | UT | LAYTON | 21 | 5 | 4 | 1 | 6 | Y | N |
| 16 | UT | PRICE | 21 | 5 | 2 | 1 | 2 | Y | N |
| 17 | UT | WELLINGTON | 21 | 5 | 8 | 2 | 5 | N | N |
| 17 | UT | WELLINGTON | 22 | 5 | | | 5 | | |
| 22 | UT | SLC | 21 | 5 | 16 | 4 | 2 | N | Y |
| 22 | UT | SLC | 22 | 5 | | | 2 | | |
| 22 | UT | SLC | 23 | 5 | | | 2 | | |
| 22 | UT | SLC | 24 | 5 | | | 2 | | |
| 24 | UT | SLC | 21 | 5 | 4 | 1 | 1 | N | N |

| SITE # | STATE | CITY | DAY | MONTH | FEES $ | LOS DAYS | PAOT | PASS-PORTS | CAMP STAMPS |
|---|---|---|---|---|---|---|---|---|---|
| 27 | UT | SLC | 27 | 6 | 28 | 7 | 4 | N | N |
| 27 | UT | SLC | 28 | 6 | | | 4 | | |
| 27 | UT | SLC | 29 | 6 | | | 4 | | |
| 27 | UT | SLC | 30 | 6 | | | 4 | | |
| 27 | UT | SLC | 1 | 7 | 28 | 7 | 4 | N | N |
| 27 | UT | SLC | 2 | 7 | | | 4 | | |
| 27 | UT | SLC | 3 | 7 | | | 4 | | |
| 28 | UT | SLC | 27 | 6 | 4 | 2 | 4 | Y | N |
| 28 | UT | SLC | 28 | 6 | | | 4 | | |
| 34 | UT | PEOA | 27 | 6 | 4 | 1 | 5 | N | N |
| 40 | UT | WEST JORDAN | 27 | 6 | 4 | 1 | 5 | N | N |
| 41 | UT | OGDEN | 27 | 6 | 4 | 1 | 0 | N | N |
| 43 | UT | SUNNYSIDE | 27 | 6 | 2 | 1 | 0 | Y | N |
| 0 | UT | SLC | 28 | 6 | 2 | 1 | 0 | Y | N |
| 11 | UT | ORANGEVILLE | 28 | 6 | 4 | 1 | 9 | N | N |
| 16 | UT | PRICE | 28 | 6 | 16 | 4 | 1 | N | N |
| 16 | UT | PRICE | 29 | 6 | | | 1 | | |
| 16 | UT | PRICE | 30 | 6 | | | 1 | | |
| 16 | UT | PRICE | 1 | 7 | 16 | 4 | 1 | N | N |
| 22 | UT | WOODS CROSS | 28 | 6 | 2 | 1 | 3 | Y | N |
| 24 | UT | TOOELE | 28 | 6 | 28 | 7 | 2 | N | N |
| 24 | UT | TOOELE | 29 | 6 | | | 2 | | |
| 24 | UT | TOOELE | 30 | 6 | | | 2 | | |
| 24 | UT | TOOELE | 1 | 7 | 28 | 7 | 2 | N | N |
| 24 | UT | TOOELE | 2 | 7 | | | 2 | | |
| 24 | UT | TOOELE | 3 | 7 | | | 2 | | |
| 24 | UT | TOOELE | 4 | 7 | | | 2 | | |
| 25 | UT | SLC | 28 | 6 | 2 | 1 | 0 | Y | N |
| 26 | AZ | | 28 | 6 | 4 | 1 | 2 | N | N |
| 26 | TX | | 28 | 6 | 8 | 2 | 10 | N | N |
| 26 | TX | | 29 | 6 | | | 10 | | |
| 30 | UT | BOUNTIFUL | 28 | 6 | 8 | 2 | 6 | N | N |
| 30 | UT | BOUNTIFUL | 29 | 6 | | | 6 | | |
| 37 | UT | SLC | 28 | 6 | 4 | 1 | 4 | N | N |
| 44 | CA | | 28 | 6 | 4 | 1 | 4 | N | N |
| 0 | UT | SLC | 29 | 6 | 2 | 1 | 2 | Y | N |
| 20 | UT | SLC | 29 | 6 | 4 | 1 | 7 | N | N |
| 31 | UT | HELPER | 29 | 6 | 12 | 3 | 4 | N | N |
| 31 | UT | HELPER | 30 | 6 | | | 4 | | |
| 31 | UT | HELPER | 1 | 7 | 12 | 3 | 4 | N | N |
| 32 | UT | SLC | 29 | 6 | 8 | 2 | 4 | N | N |
| 32 | UT | SLC | 30 | 6 | | | 4 | | |
| 0 | UT | SLC | 30 | 6 | 4 | 1 | 4 | N | N |
| 2 | UT | HELPER | 30 | 6 | 4 | 1 | 6 | N | N |
| 9 | UT | HUNTINGTON | 30 | 6 | 2 | 1 | 1 | Y | N |
| 11 | UT | CASTLE DALE | 30 | 6 | 4 | 1 | 5 | N | N |
| 16 | UT | LEHI | 30 | 6 | 3 | 2 | 5 | N | Y |
| 16 | UT | LEHI | 1 | 7 | 3 | 2 | 5 | N | Y |
| 22 | UT | FERRON | 30 | 6 | 12 | 3 | 1 | N | N |

| SITE # | STATE | CITY | DAY | MONTH | FEES $ | LOS DAYS | PAOT | PASS-PORTS | CAMP STAMPS |
|---|---|---|---|---|---|---|---|---|---|
| 39 | UT | SLC | 24 | 7 | | | 7 | | |
| 39 | UT | SLC | 25 | 7 | | | 7 | | |
| 40 | UT | SANDY | 23 | 7 | 2 | 1 | 0 | Y | N |
| 42 | UT | FERRON | 23 | 7 | 12 | 3 | 7 | N | N |
| 42 | UT | FERRON | 24 | 7 | | | 7 | | |
| 42 | UT | FERRON | 25 | 7 | | | 7 | | |
| 44 | UT | PRICE | 23 | 7 | 2 | 1 | 2 | Y | N |
| 46 | UT | PRICE | 23 | 7 | 8 | 2 | 8 | N | Y |
| 46 | UT | PRICE | 24 | 7 | | | 8 | | |
| 1 | UT | | 24 | 7 | 4 | 1 | 0 | N | N |
| 6 | UT | SLC | 24 | 7 | 4 | 1 | 0 | N | N |
| 7 | UT | HUNTINGTON | 24 | 7 | 4 | 1 | 5 | N | N |
| 8 | UT | SLC | 24 | 7 | 8 | 2 | 10 | N | N |
| 8 | UT | SLC | 25 | 7 | | | 10 | | |
| 11 | UT | SLC | 24 | 7 | 4 | 1 | 2 | N | N |
| 14 | UT | ORANGEVILLE | 24 | 7 | 4 | 1 | 0 | N | N |
| 15 | UT | LARK | 24 | 7 | 4 | 1 | 0 | N | N |
| 15 | UT | PRICE | 24 | 7 | 4 | 1 | 2 | N | N |
| 16 | UT | SLC | 24 | 7 | 4 | 2 | 6 | Y | N |
| 16 | UT | SLC | 25 | 7 | | | 6 | | |
| 18 | UT | SLC | 24 | 7 | 8 | 2 | 5 | N | N |
| 18 | UT | SLC | 25 | 7 | | | 5 | | |
| 19 | UT | SANDY | 24 | 7 | 4 | 1 | 12 | N | N |
| 20 | UT | WEST JORDAN | 24 | 7 | 4 | 1 | 0 | N | N |
| 21 | UT | | 24 | 7 | 8 | 1 | 17 | N | N |
| 24 | UT | MAGNA | 24 | 7 | 2 | 1 | 9 | Y | N |
| 36 | UT | PRICE | 24 | 7 | 12 | 3 | 0 | N | N |
| 36 | UT | PRICE | 25 | 7 | | | 0 | | |
| 36 | UT | PRICE | 26 | 7 | | | 0 | | |
| 37 | UT | PEOA | 24 | 7 | 4 | 1 | 11 | N | N |
| 38 | UT | PRICE | 24 | 7 | 4 | 1 | 3 | N | N |
| 40 | UT | SANDY | 24 | 7 | 2 | 1 | 6 | Y | N |
| 41 | UT | SLC | 24 | 7 | 8 | 2 | 0 | N | N |
| 41 | UT | SLC | 25 | 7 | | | 0 | | |
| 44 | UT | PRICE | 24 | 7 | 2 | 1 | 0 | Y | N |
| 45 | UT | TOOELE | 24 | 7 | 4 | 2 | 5 | Y | N |
| 45 | UT | TOOELE | 25 | 7 | | | 5 | | |
| 1 | UT | | 25 | 7 | 4 | 1 | 0 | N | N |
| 3 | UT | | 25 | 7 | 4 | 1 | 0 | N | N |
| 3 | UT | SLC | 25 | 7 | 4 | 1 | 4 | N | N |
| 4 | UT | | 25 | 7 | 4 | 1 | 0 | N | N |
| 4 | UT | SLC | 25 | 7 | 4 | 1 | 4 | N | N |
| 15 | UT | LARK | 25 | 7 | 4 | 1 | 3 | N | N |
| 17 | UT | PARK CITY | 25 | 7 | 4 | 1 | 0 | N | N |
| 20 | UT | RICHFIELD | 25 | 7 | 2 | 1 | 4 | Y | Y |
| 20 | UT | SLC | 25 | 7 | 2 | 1 | 4 | Y | N |
| 21 | UT | | 25 | 7 | 2 | 1 | 0 | Y | N |
| 22 | UT | PRICE | 25 | 7 | 4 | 1 | 2 | N | N |
| 23 | UT | | 25 | 7 | 4 | 1 | 0 | N | N |

| SITE # | STATE | CITY | DAY | MONTH | FEES $ | LOS DAYS | PAOT | PASS-PORTS | CAMP STAMPS |
|---|---|---|---|---|---|---|---|---|---|
| 10 | UT | SLC | 21 | 8 | 8 | 2 | 2 | N | N |
| 10 | UT | SLC | 22 | 8 | | | 2 | | |
| 11 | UT | KAYSVILLE | 21 | 8 | 4 | 1 | 7 | N | N |
| 13 | UT | PRICE | 21 | 8 | 8 | 2 | 2 | N | N |
| 13 | UT | PRICE | 22 | 8 | | | 2 | | |
| 16 | UT | SANDY | 21 | 8 | 8 | 2 | 6 | N | N |
| 16 | UT | SANDY | 22 | 8 | | | 6 | | |
| 21 | UT | BOUNTIFUL | 21 | 8 | 5 | 1 | 5 | N | N |
| 21 | UT | SLC | 21 | 8 | 8 | 2 | 6 | N | N |
| 21 | UT | SLC | 22 | 8 | | | 6 | | |
| 23 | UT | PRICE | 21 | 8 | 8 | 2 | 0 | N | N |
| 23 | UT | PRICE | 22 | 8 | | | 0 | | |
| 25 | UT | RICHFIELD | 21 | 8 | 4 | 1 | 2 | N | N |
| 26 | UT | SLC | 21 | 8 | 8 | 2 | 4 | N | N |
| 26 | UT | SLC | 22 | 8 | | | 4 | | |
| 27 | UT | PRICE | 21 | 8 | 8 | 2 | 3 | N | N |
| 27 | UT | PRICE | 22 | 8 | | | 3 | | |
| 28 | NV | | 21 | 8 | 8 | 2 | 8 | N | N |
| 28 | NV | | 22 | 8 | | | 8 | | |
| 29 | UT | PRICE | 21 | 8 | 2 | 1 | 2 | Y | N |
| 29 | UT | PROVO | 21 | 8 | 2 | 1 | 0 | Y | N |
| 30 | UT | PRICE | 21 | 8 | 2 | 1 | 2 | Y | N |
| 32 | UT | SLC | 21 | 8 | 8 | 2 | 6 | N | N |
| 32 | UT | SLC | 22 | 8 | | | 6 | | |
| 33 | UT | SLC | 21 | 8 | 8 | 2 | 5 | N | N |
| 33 | UT | SLC | 22 | 8 | | | 5 | | |
| 37 | UT | SLC | 21 | 8 | 4 | 1 | 2 | N | N |
| 38 | UT | CASTLE DALE | 21 | 8 | 4 | 1 | 6 | N | N |
| 39 | UT | SLC | 21 | 8 | 4 | 1 | 0 | N | N |
| 42 | UT | | 21 | 8 | 2 | 1 | 2 | Y | N |
| 45 | UT | SLC | 21 | 8 | 4 | 1 | 4 | N | N |
| 46 | UT | SLC | 21 | 8 | 4 | 1 | 4 | N | N |
| 2 | UT | SLC | 22 | 8 | 4 | 1 | 4 | N | N |
| 4 | UT | SLC | 22 | 8 | 8 | 2 | 0 | N | N |
| 4 | UT | SLC | 23 | 8 | | | 0 | | |
| 5 | UT | SLC | 22 | 8 | 4 | 1 | 2 | N | N |
| 6 | UT | ORANGEVILLE | 22 | 8 | 4 | 1 | 2 | N | N |
| 7 | UT | CASTLE DALE | 22 | 8 | 4 | 1 | 0 | N | N |
| 11 | UT | SLC | 22 | 8 | 8 | 2 | 2 | N | N |
| 11 | UT | SLC | 23 | 8 | | | 2 | | |
| 12 | UT | ALTA | 22 | 8 | 4 | 1 | 15 | N | N |
| 14 | UT | CASTLE DALE | 22 | 8 | 4 | 1 | 9 | N | N |
| 20 | UT | HELPER | 22 | 8 | 4 | 1 | 3 | N | N |
| 22 | UT | SLC | 22 | 8 | 4 | 1 | 2 | N | N |
| 23 | UT | SLC | 22 | 8 | 4 | 1 | 5 | N | N |
| 24 | UT | SLC | 22 | 8 | 4 | 1 | 6 | N | N |
| 25 | UT | CASTLE DALE | 22 | 8 | 4 | 1 | 0 | N | N |
| 28 | UT | PRICE | 22 | 8 | 2 | 1 | 2 | Y | N |
| 28 | UT | SLC | 22 | 8 | 4 | 1 | 3 | N | N |

| SITE # | STATE | CITY | DAY | MONTH | FEES $ | LOS DAYS | PAOT | PASS-PORTS | CAMP STAMPS |
|---|---|---|---|---|---|---|---|---|---|
| 17 | UT | WEST JORDAN | 3 | 10 | | | 2 | | |
| 20 | UT | SLC | 2 | 10 | 4 | 2 | 6 | Y | N |
| 20 | UT | SLC | 3 | 10 | | | 6 | | |
| 22 | UT | WELLING"ON | 2 | 10 | 8 | 2 | 3 | N | N |
| 22 | UT | WELLINGTON | 3 | 10 | | | 3 | | |
| 24 | UT | AMERICAN FORK | 2 | 10 | 8 | 2 | 4 | N | N |
| 24 | UT | AMERICAN FORK | 3 | 10 | | | 4 | | |
| 30 | UT | SLC | 2 | 10 | 2 | 1 | 0 | N | N |
| 33 | UT | PROVO | 2 | 10 | 2 | 1 | 0 | Y | N |
| 40 | UT | ORANGEVILLE | 2 | 10 | 8 | 2 | 2 | N | N |
| 40 | UT | ORANGEVILLE | 3 | 10 | | | 2 | | |
| 41 | UT | ORANGEVILLE | 2 | 10 | 8 | 2 | 2 | N | N |
| 41 | UT | ORANGEVILLE | 3 | 10 | | | 2 | | |
| 7 | UT | SLC | 3 | 10 | 4 | 1 | 0 | N | N |
| 8 | UT | SLC | 3 | 10 | 4 | 1 | 2 | N | N |
| 14 | UT | SPANISH FORK | 3 | 10 | 12 | 3 | 2 | N | N |
| 14 | UT | SPANISH FORK | 4 | 10 | | | 2 | | |
| 14 | UT | SPANISH FORK | 5 | 10 | | | 2 | | |
| 14 | UT | SPANISH FORK | 3 | 10 | 4 | 1 | 0 | N | N |
| 16 | UT | SLC | 3 | 10 | 4 | 2 | 2 | Y | Y |
| 16 | UT | SLC | 4 | 10 | | | 2 | | |
| 33 | UT | PRICE | 3 | 10 | 2 | 1 | 4 | Y | N |
| 39 | OR | | 3 | 10 | 12 | 3 | 2 | N | N |
| 39 | OR | | 4 | 10 | | | 2 | | |
| 39 | OR | | 5 | 10 | | | 2 | | |
| 15 | UT | ALTA | 4 | 10 | 12 | 3 | 2 | N | N |
| 15 | UT | ALTA | 5 | 10 | | | 2 | | |
| 15 | UT | ALTA | 6 | 10 | | | 2 | | |

ANALYSIS SUMMARY

AVERAGE NUMBER OF VISITORS/SITE/DAY = 4.3 PAOT
AVERAGE LENGTH OF STAY = 1.8 DAYS
AMOUNT COLLECTED (FROM ENVELOPES) = $ 8831 TOTAL
ENVELOPES WITH FEES NOT SHOWN 11 TOTAL
GOLDEN AGE/ACCESS PASSPORTS = 27.5 % OF TOTAL
CAMP STAMPS = 5.9 % OF TOTAL
ENVELOPES = 1475 TOTAL
DAYS OF USE = 2670 TOTAL
MAXIMUM VISITOR DAYS = 23114.7 RVD's

APPENDIX C

College of Forest and Recreation Resources
DEPARTMENT OF PARKS, RECREATION AND TOURISM MANAGEMENT

CLEMSON UNIVERSITY

Date:_____

Unit No.:_____

HI CAMPER,

Clemson University, South Carolina, is cooperating this summer with the Forest Service concerning the use and layout of this camping facility. Your participation is not required, but would be appreciated. We will use this information to provide better future campground administration and facilities.

I reside in _____ (City, State)

I am camping in a _____ (Tent, RV, Other)

I am camping with _____
(Adults, Children, All of the Above, Other)

The number of vehicles (including trailers & boats) with our group is _____

Would you please rate the features below:

Rating Key:

Items I Through VI

1. Not Important
2. Not Very Important
3. Somewhat Important
4. Very Important

Item VII

1. Strongly Agreeable
2. Agreeable
3. Disagreeable
4. Strongly Disagreeable

FEATURES RATING

I. General Campground Preferences (Importance)

1. Large Group Use Sites (45 to 60 People) . . . . . _____
2. Information on History, Physiography, Wildlife, etc.. _____
3. Trailer Dump Stations . . . . . _____
4. Play Areas . . . . . _____
5. Nature Trails . . . . . _____
6. Fish Cleaning Facilities . . . . . _____

II. Campsite Preferences (Importance)

1. Restful Atmosphere . . . . . _____
2. Well Maintained Facilities . . . . . _____
3. Privacy . . . . . _____
4. Natural Landscape Views . . . . . _____
5. Shade . . . . . _____
6. Standing Grills . . . . . _____
7. Formal Tent Sites . . . . . _____
8. Additional Parking . . . . . _____
9. Additional Tables . . . . . _____

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FEATURES RATING

III. Comfort Station Preferences (Importance)

1. Flush Toilets (None in this Campground) . . . . . _____
2. Recirculating Toilets (Pink Block Bldgs.) . . . . . |_____
3. Vault Toilets (Brown Wooden Bldgs.) . . . . . |_____
4. Clean Restrooms . . . . . |_____
5. Toilet Stall Latch . . . . . |_____
6. Showers . . . . . |_____
7. Dressing Rooms . . . . . |_____

IV. Camper Supply Preferences (Importance)

1. Camp Store . . . . . |_____

V. Security Service Preferences (Importance)

1. Provide Hosts and Make the F.S. More Visible . . . . _____
2. Posted Campground Map . . . . . |_____
3. Communication for Emergency Messages . . . . . |_____
4. First Aid . . . . . |_____
5. Identifiable Staff Dress . . . . . |_____

VI. Activity Preferences (Importance)

1. Spending Time in the Campground (Relaxing) . . . . . _____
2. Use the Campground as a Base of Operations (Rec.) . . |_____
3. Swimming . . . . . |_____
4. Walking . . . . . |_____
5. Fishing . . . . . |_____
6. Canoeing . . . . . |_____
7. Boating . . . . . |_____
8. Touring the Local Area . . . . . |_____
9. Hunting . . . . . |_____
10. Off Highway Vehicle Riding . . . . . |_____
11. Family Reunions . . . . . |_____
12. Evening Campfire Programs . . . . . |_____

VII. User Annoyances (Agreeable or Disagreeable)

1. Campfire Talk/Singing . . . . . _____
2. Children Playing . . . . . |_____
3. Radio/Television . . . . . |_____
4. Loud Social Activities/Conversations . . . . . |_____
5. Bathroom Noise/View . . . . . |_____
6. Campers Arriving Late . . . . . |_____
7. Generators, A.C. . . . . |_____
8. Motorcycle Noise . . . . . |_____
9. Dogs Barking . . . . . |_____
10. Alcohol Parties . . . . . |_____
11. Crossing Through Your Campsite . . . . . |_____
12. Dirty Campsites . . . . . |_____

VIII. Other Comments

THANK YOU!

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## APPENDIX D

## VISITOR INTERVIEW RESULTS

| Preference by Visitor Origin | Preference by Camp Equipment Type | Preference by Family Type |
|---|---|---|
| Interview Percentage: | Interview Percentage: | Interview Percentage: |
| Other Areas = 12 | RV = 61 | Adult = 28 |
| Local Cbn/Emy Area = 31 | Tent = 10 | Adult Child = 72 |
| Wasatch Front Area = 57 | RV Tent = 29 | |
| **General Campground Preferences** | | |
| 3. Somewhat Important | | |
| Trailer Dump Station | Trailer Dump Station | Trailer Dump Station |
| Other: AVG = 3.1 | RV: AVG = 3.5 | Adult: AVG = 3.5 |
| Local: AVG = 3.3 | Tent: AVG = 2.5 | Adult Child: AVG = 3.2 |
| Wasatch Front: AVG = 3.4 | RV Tent: AVG = 3.1 | |
| AVG Range = .3 | AVG Range = 1.0 | AVG Range = .3 |
| Overall AVG = 3.3 | Overall AVG = 3.3 | Overall AVG = 3.3 |
| Fish Cleaning Facilities | Fish Cleaning Facilities | Fish Cleaning Facilities |
| Other: AVG = 3.3 | RV: AVG = 3.2 | Adult: AVG = 3.2 |
| Local: AVG = 3.4 | Tent: AVG = 3.0 | Adult Child: AVG = 3.2 |
| Wasatch Front: AVG = 3.1 | RV Tent: AVG = 3.1 | |
| AVG Range = .4 | AVG Range = .2 | AVG Range = .0 |
| Overall AVG = 3.2 | Overall AVG = 3.2 | Overall AVG = 3.2 |
| Nature Trails | Nature Trails | Nature Trails |
| Other: AVG = 2.8 | RV: AVG = 2.8 | Adult: AVG = 2.8 |
| Local: AVG = 2.9 | Tent: AVG = 3.1 | Adult Child: AVG = 2.9 |
| Wasatch Front: AVG = 2.9 | RV Tent: AVG = 3.0 | |
| AVG Range = .1 | AVG Range = .3 | AVG Range = .1 |
| Overall AVG = 2.9 | Overall AVG = 2.9 | Overall AVG = 2.9 |
| Formal Play Areas | Formal Play Areas | Formal Play Areas |
| Other: AVG = 2.5 | RV: AVG = 2.6 | Adult: AVG = 2.4 |
| Local: AVG = 2.8 | Tent: AVG = 2.8 | Adult Child: AVG = 2.8 |
| Wasatch Front: AVG = 2.7 | RV Tent: AVG = 2.9 | |
| AVG Range = .3 | AVG Range = .3 | AVG Range = .4 |
| Overall AVG = 2.7 | Overall AVG = 2.7 | Overall AVG = 2.7 |
| Visitor Information | Visitor Information | Visitor Information |
| Other: AVG = 2.4 | RV: AVG = 2.6 | Adult: AVG = 2.6 |
| Local: AVG = 2.6 | Tent: AVG = 2.5 | Adult Child: AVG = 2.7 |
| Wasatch Front: AVG = 2.8 | RV Tent: AVG = 2.8 | |
| AVG Range = .4 | AVG Range = .3 | AVG Range = .1 |
| Overall AVG = 2.7 | Overall AVG = 2.7 | Overall AVG = 2.7 |

| Preference by Visitor Origin | Preference by Camp Equipment Type | Preference by Family Type |
|---|---|---|
| 2. Not Very Important | | |
| Large Group Sites | Large Group Sites | Large Group Sites |
| Other: AVG = 2.1 | RV: AVG = 2.3 | Adult: AVG = 2.2 |
| Local: AVG = 2.9 | Tent: AVG = 2.4 | Adult Child: AVG = 2.6 |
| Wasatch Front: AVG = 2.4 | RV Tent: AVG = 2.8 | |
| AVG Range = .8 | AVG Range = .5 | AVG Range = .4 |
| Overall AVG = 2.5 | Overall AVG = 2.5 | Overall AVG = 2.5 |
| Miscellaneous | | |
| Number Vehicles/Campsite | Number Vehicles/Campsite | Number Vehicles/Campsite |
| Other: AVG = 1.6 | RV: AVG = 1.9 | Adult: AVG = 1.6 |
| Local: AVG = 2.3 | Tent: AVG = 1.6 | Adult Child: AVG = 2.4 |
| Wasatch Front: AVG = 2.1 | RV Tent: AVG = 2.8 | |
| AVG Range = .8 | AVG Range = 1.2 | AVG Range = .7 |
| Overall AVG = 2.1 | Overall AVG = 2.1 | Overall AVG = 2.1 |
| **Campsite Preference** | | |
| 4. Very Important | | |
| Shade | Shade | Shade |
| Other: AVG = 3.4 | RV: AVG = 3.7 | Adult: AVG = 3.5 |
| Local: AVG = 3.8 | Tent: AVG = 3.3 | Adult Child: AVG = 3.7 |
| Wasatch Front: AVG = 3.7 | RV Tent: AVG = 3.8 | |
| AVG Range = .4 | AVG Range = .5 | AVG Range = .3 |
| Overall AVG = 3.7 | Overall AVG = 3.7 | Overall AVG = 3.7 |
| Well Maintained Facilities | Well Maintained Facilities | Well Maintained Facilities |
| Other: AVG = 3.3 | RV: AVG = 3.7 | Adult: AVG = 3.6 |
| Local: AVG = 3.7 | Tent: AVG = 3.1 | Adult Child: AVG = 3.5 |
| Wasatch Front: AVG = 3.6 | RV Tent: AVG = 3.5 | |
| AVG Range = .5 | AVG Range = .6 | AVG Range = .1 |
| Overall AVG = 3.6 | Overall AVG = 3.6 | Overall AVG = 3.6 |
| Restful Atmosphere | Restful Atmosphere | Restful Atmosphere |
| Other: AVG = 3.6 | RV: AVG = 3.6 | Adult: AVG = 3.8 |
| Local: AVG = 3.4 | Tent: AVG = 3.5 | Adult Child: AVG = 3.4 |
| Wasatch Front: AVG = 3.6 | RV Tent: AVG = 3.2 | |
| AVG Range = .2 | AVG Range = .4 | AVG Range = .4 |
| Overall AVG = 3.5 | Overall AVG = 3.5 | Overall AVG = 3.5 |

| Preference by Visitor Origin | Preference by Camp Equipment Type | Preference by Family Type |
|---|---|---|
| 3. Somewhat Important | | |
| Natural Views | Natural Views | Natural Views |
| Other: AVG = 3.3 | RV: AVG = 3.2 | Adult: AVG = 3.4 |
| Local: AVG = 3.1 | Tent: AVG = 3.5 | Adult Child: AVG = 3.1 |
| Wasatch Front: AVG = 3.3 | RV Tent: AVG = 3.1 | |
| AVG Range = .2 | AVG Range = .4 | AVG Range = .3 |
| Overall AVG = 3.2 | Overall AVG = 3.2 | Overall AVG = 3.2 |
| Privacy | Privacy | Privacy |
| Other: AVG = 3.3 | RV: AVG = 3.0 | Adult: AVG = 3.3 |
| Local: AVG = 3.2 | Tent: AVG = 3.6 | Adult Child: AVG = 3.1 |
| Wasatch Front: AVG = 3.1 | RV Tent: AVG = 3.2 | |
| AVG Range = .3 | AVG Range = .6 | AVG Range = .2 |
| Overall AVG = 3.1 | Overall AVG = 3.1 | Overall AVG = 3.1 |
| Additional Parking | Additional Parking | Additional Parking |
| Other: AVG = 2.1 | RV: AVG = 3.0 | Adult: AVG = 2.6 |
| Local: AVG = 3.2 | Tent: AVG = 2.3 | Adult Child: AVG = 3.1 |
| Wasatch Front: AVG = 3.1 | RV Tent: AVG = 3.2 | |
| AVG Range = 1.1 | AVG Range = .9 | AVG Range = .5 |
| Overall AVG = 3.0 | Overall AVG = 3.0 | Overall AVG = 3.0 |
| Additional Table Space | Additional Table Space | Additional Table Space |
| Other: AVG = 2.3 | RV: AVG = 2.8 | Adult: AVG = 2.5 |
| Local: AVG = 3.0 | Tent: AVG = 2.5 | Adult Child: AVG = 3.0 |
| Wasatch Front: AVG = 3.0 | RV Tent: AVG = 3.2 | |
| AVG Range = .8 | AVG Range = .7 | AVG Range = .5 |
| Overall AVG = 2.9 | Overall AVG = 2.9 | Overall AVG = 2.9 |
| Formal Tent Spaces | Formal Tent Spaces | Formal Tent Spaces |
| Other: AVG = 2.7 | RV: AVG = 2.7 | Adult: AVG = 2.5 |
| Local: AVG = 3.1 | Tent: AVG = 3.1 | Adult Child: AVG = 3.0 |
| Wasatch Front: AVG = 2.9 | RV Tent: AVG = 3.2 | |
| AVG Range = .4 | AVG Range = .5 | AVG Range = .5 |
| Overall AVG = 2.9 | Overall AVG = 2.9 | Overall AVG 2.9 |
| 2. Not Very Important | | |
| Standing Grills | Standing Grills | Standing Grills |
| Other: AVG = 2.7 | RV: AVG = 2.6 | Adult: AVG = 2.7 |
| Local: AVG = 2.8 | Tent: AVG = 2.3 | Adult Child: AVG = 2.4 |
| Wasatch Front: AVG = 2.4 | RV Tent: AVG = 2.4 | |
| AVG Range = .4 | AVG Range = .3 | AVG Range = .2 |
| Overall AVG = 2.5 | Overall AVG = 2.5 | Overall AVG = 2.5 |

| Preference by Visitor Origin | Preference by Camp Equipment Type | Preference by Family Type |
|---|---|---|
| **Comfort Station Preference** | | |
| 4. Very Important | | |
| Clean Restrooms | Clean Restrooms | Clean Restrooms |
| Other: AVG = 3.7 | RV: AVG = 3.7 | Adult: AVG = 3.6 |
| Local: AVG = 3.8 | Tent: AVG = 3.9 | Adult Child: AVG = 3.8 |
| Wasatch Front: AVG = 3.7 | RV Tent: AVG = 3.8 | |
| AVG Range = .1 | AVG Range = .2 | AVG Range = .2 |
| Overall AVG = 3.7 | Overall AVG = 3.7 | Overall AVG = 3.7 |
| 3. Somewhat Important | | |
| Toilet Stall Latches | Toilet Stall Latches | Toilet Stall Latches |
| Other: AVG = 2.7 | RV: AVG = 3.3 | Adult: AVG = 3.2 |
| Local: AVG = 3.4 | Tent: AVG = 3.1 | Adult Child: AVG = 3.3 |
| Wasatch Front: AVG = 3.4 | RV Tent: AVG = 3.2 | |
| AVG Range = .7 | AVG Range = .2 | AVG Range = .1 |
| Overall AVG = 3.3 | Overall AVG = 3.3 | Overall AVG = 3.3 |
| Flush Toilets | Flush Toilets | Flush Toilets |
| Other: AVG = 3.3 | RV: AVG = 3.3 | Adult: AVG = 3.0 |
| Local: AVG = 3.0 | Tent: AVG = 3.1 | Adult Child: AVG = 3.2 |
| Wasatch Front: AVG = 3.3 | RV Tent: AVG = 2.9 | |
| AVG Range = .4 | AVG Range = .3 | AVG Range = .2 |
| Overall AVG = 3.2 | Overall AVG = 3.2 | Overall AVG = 3.2 |
| Recirculating Toilets | Recirculating Toilets | Recirculating Toilets |
| Other: AVG = 2.8 | RV: AVG = 2.6 | Adult: AVG = 2.7 |
| Local: AVG = 2.8 | Tent: AVG = 2.8 | Adult Child: AVG = 2.8 |
| Wasatch Front: AVG = 2.7 | RV Tent: AVG = 3.1 | |
| AVG Range = .2 | AVG Range = .5 | AVG Range = .1 |
| Overall AVG = 2.8 | Overall AVG = 2.8 | Overall AVG = 2.8 |
| Showers | Showers | Showers |
| Other: AVG = 2.8 | RV: AVG = 2.8 | Adult: AVG = 2.6 |
| Local: AVG = 2.9 | Tent: AVG = 2.8 | Adult Child: AVG = 2.8 |
| Wasatch Front: AVG = 2.6 | RV Tent: AVG = 2.6 | |
| AVG Range = .2 | AVG Range = .2 | AVG Range = .2 |
| Overall AVG = 2.7 | Overall AVG = 2.7 | Overall AVG = 2.7 |

| Preference by Visitor Origin | Preference by Camp Equipment Type | Preference by Family Type |
|---|---|---|
| 2. Not Very Important | | |
| Vault Toilets | Vault Toilets | Vault Toilets |
| Other: AVG = 2.3 | RV: AVG = 2.5 | Adult: AVG = 2.5 |
| Local: AVG = 2.5 | Tent: AVG = 2.5 | Adult Child: AVG = 2.5 |
| Wasatch Front: AVG = 2.5 | RV Tent: AVG = 2.5 | |
| AVG Range = .2 | AVG Range = .0 | AVG Range = .0 |
| Overall AVG = 2.5 | Overall AVG = 2.5 | Overall AVG = 2.5 |
| Dressing Rooms | Dressing Rooms | Dressing Rooms |
| Other: AVG = 1.7 | RV: AVG = 1.8 | Adult: AVG = 1.7 |
| Local: AVG = 2.0 | Tent: AVG = 1.7 | Adult Child: AVG = 1.9 |
| Wasatch Front: AVG = 1.8 | RV Tent: AVG = 1.9 | |
| AVG Range = .3 | AVG Range = .2 | AVG Range = .2 |
| Overall AVG = 1.8 | Overall AVG = 1.8 | Overall AVG = 1.8 |
| **Camper Supplies Preference** | | |
| 3. Somewhat Important | | |
| Camp Store | Camp Store | Camp Store |
| Other: AVG = 2.8 | RV: AVG = 2.8 | Adult: AVG = 2.8 |
| Local: AVG = 2.9 | Tent: AVG = 2.7 | Adult Child: AVG = 2.8 |
| Wasatch Front: AVG = 2.7 | RV Tent: AVG = 2.8 | |
| AVG Range = .2 | AVG Range = .1 | AVG Range = .0 |
| Overall AVG = 2.8 | Overall AVG = 2.8 | Overall AVG = 2.8 |
| **Security Services Preference** | | |
| 4. Very Important | | |
| FS Visibility and Hosts | FS Visibility and Hosts | FS Visibility and Hosts |
| Other: AVG = 3.5 | RV: AVG = 3.7 | Adult: AVG = 3.5 |
| Local: AVG = 3.7 | Tent: AVG = 3.2 | Adult Child: AVG = 3.6 |
| Wasatch Front: AVG = 3.7 | RV Tent: AVG = 3.6 | |
| AVG Range = .2 | AVG Range = .5 | AVG Range = .1 |
| Overall AVG = 3.7 | Overall AVG = 3.7 | Overall AVG = 3.7 |
| Emergency Communication | Emergency Communication | Emergency Communication |
| Other: AVG = 3.3 | RV: AVG = 3.6 | Adult: AVG = 3.5 |
| Local: AVG = 3.7 | Tent: AVG = 3.3 | Adult Child: AVG = 3.6 |
| Wasatch Front: AVG = 3.6 | RV Tent: AVG = 3.5 | |
| AVG Range = .3 | AVG Range = .3 | AVG Range = .0 |
| Overall AVG = 3.6 | Overall AVG = 3.6 | Overall AVG = 3.6 |

| Preference by Visitor Origin | Preference by Camp Equipment Type | Preference by Family Type |
|---|---|---|
| 3. Somewhat Important | | |
| First Aid | First Aid | First Aid |
| Other: AVG = 2.9 | RV: AVG = 3.3 | Adult: AVG = 3.2 |
| Local: AVG = 3.3 | Tent: AVG = 3.1 | Adult Child: AVG = 3.3 |
| Wasatch Front: AVG = 3.3 | RV Tent: AVG = 3.2 | |
| AVG Range = .4 | AVG Range = .2 | AVG Range = .1 |
| Overall AVG = 3.2 | Overall AVG = 3.2 | Overall AVG = 3.2 |
| Identifiable Staff Dress | Identifiable Staff Dress | Identifiable Staff Dress |
| Other: AVG = 2.9 | RV: AVG = 3.1 | Adult: AVG = 2.8 |
| Local: AVG = 3.1 | Tent: AVG = 3.2 | Adult Child: AVG = 3.2 |
| Wasatch Front: AVG = 3.1 | RV Tent: AVG = 2.9 | |
| AVG Range = .2 | AVG Range = .3 | AVG Range = .4 |
| Overall AVG = 3.1 | Overall AVG = 3.1 | Overall AVG = 3.1 |
| Posted Campground Map | Posted Campground Map | Posted Campground Map |
| Other: AVG = 3.0 | RV: AVG = 3.0 | Adult: AVG = 2.8 |
| Local: AVG = 2.9 | Tent: AVG = 2.7 | Adult Child: AVG = 3.1 |
| Wasatch Front: AVG = 3.1 | RV Tent: AVG = 3.1 | |
| AVG Range = .2 | AVG Range = .4 | AVG Range = .3 |
| Overall AVG = 3.0 | Overall AVG = 3.0 | Overall AVG = 3.0 |
| **Activity Preference** | | |
| 4. Very Important | | |
| Fishing | Fishing | Fishing |
| Other: AVG = 3.5 | RV: AVG = 3.6 | Adult: AVG = 3.5 |
| Local: AVG = 3.7 | Tent: AVG = 3.8 | Adult Child: AVG = 3.7 |
| Wasatch Front: AVG = 3.7 | RV Tent: AVG = 3.7 | |
| AVG Range = .2 | AVG Range = .2 | AVG Range = .2 |
| Overall AVG = 3.7 | Overall AVG = 3.7 | Overall AVG = 3.7 |
| Relaxation | Relaxation | Relaxation |
| Other: AVG = 3.3 | RV: AVG = 3.7 | Adult: AVG = 3.6 |
| Local: AVG = 3.8 | Tent: AVG = 3.1 | Adult Child: AVG = 3.6 |
| Wasatch Front: AVG = 3.6 | RV Tent: AVG = 3.7 | |
| AVG Range = .5 | AVG Range = .6 | AVG Range = .1 |
| Overall AVG = 3.6 | Overall AVG = 3.6 | Overall AVG = 3.6 |

| Preference by Visitor Origin | Preference by Camp Equipment Type | Preference by Family Type |
|---|---|---|
| 3. Somewhat Important | | |
| Boating | Boating | Boating |
| Other: AVG = 3.1 | RV: AVG = 3.4 | Adult: AVG = 3.2 |
| Local: AVG = 3.4 | Tent: AVG = 3.4 | Adult Child: AVG = 3.4 |
| Wasatch Front: AVG = 3.4 | RV Tent: AVG = 3.1 | |
| AVG Range = .3 | AVG Range = .3 | AVG Range = .2 |
| Overall AVG = 3.3 | Overall AVG = 3.3 | Overall AVG = 3.3 |
| Campground as Base of Operations | Campground as Base of Operations | Campground as Base of Operations |
| Other: AVG = 3.2 | RV: AVG = 3.3 | Adult: AVG = 3.2 |
| Local: AVG = 3.5 | Tent: AVG = 3.4 | Adult Child: AVG = 3.4 |
| Wasatch Front: AVG = 3.3 | RV Tent: AVG = 3.5 | |
| AVG Range = .3 | AVG Range = .2 | AVG Range = .2 |
| Overall AVG = 3.4 | Overall AVG = 3.4 | Overall AVG = 3.4 |
| Walking | Walking | Walking |
| Other: AVG = 2.9 | RV: AVG = 3.3 | Adult: AVG = 3.3 |
| Local: AVG = 3.0 | Tent: AVG = 2.7 | Adult Child: AVG = 3.1 |
| Wasatch Front: AVG = 3.4 | RV Tent: AVG = 3.1 | |
| AVG Range = .4 | AVG Range = .6 | AVG Range = .1 |
| Overall AVG = 3.2 | Overall AVG = 3.2 | Overall AVG = 3.2 |
| Family Reunions | Family Reunions | Family Reunions |
| Other: AVG = 2.6 | RV: AVG = 3.0 | Adult: AVG = 2.6 |
| Local: AVG = 3.3 | Tent: AVG = 2.7 | Adult Child: AVG = 3.2 |
| Wasatch Front: AVG = 3.1 | RV Tent: AVG = 3.3 | |
| AVG Range = .8 | AVG Range = .6 | AVG Range = .6 |
| Overall AVG = 3.1 | Overall AVG = 3.1 | Overall AVG = 3.1 |
| Touring the Local Areas | Touring the Local Areas | Touring the Local Areas |
| Other: AVG = 2.9 | RV: AVG = 3.1 | Adult: AVG = 2.9 |
| Local: AVG = 3.1 | Tent: AVG = 2.9 | Adult Child: AVG = 3.1 |
| Wasatch Front: AVG = 3.0 | RV Tent: AVG = 3.1 | |
| AVG Range = .2 | AVG Range = .2 | AVG Range = .2 |
| Overall AVG = 3.1 | Overall AVG = 3.1 | Overall AVG = 3.1 |
| Campfire Programs | Campfire Programs | Campfire Programs |
| Other: AVG = 2.8 | RV: AVG = 2.9 | Adult: AVG = 2.7 |
| Local: AVG = 3.7 | Tent: AVG = 2.5 | Adult Child: AVG = 2.9 |
| Wasatch Front: AVG = 2.6 | RV Tent: AVG = 3.0 | |
| AVG Range = 1.0 | AVG Range = .5 | AVG Range = .2 |
| Overall AVG = 2.8 | Overall AVG = 2.8 | Overall AVG = 2.8 |

| Preference by Visitor Origin | Preference by Camp Equipment Type | Preference by Family Type |
|---|---|---|
| Swimming | Swimming | Swimming |
| Other: AVG = 2.3 | RV: AVG = 2.5 | Adult: AVG = 2.0 |
| Local: AVG = 2.8 | Tent: AVG = 2.3 | Adult Child: AVG = 2.9 |
| Wasatch Front: AVG = 2.7 | RV Tent: AVG = 3.1 | |
| AVG Range = .5 | AVG Range = .8 | AVG Range = .9 |
| Overall AVG = 2.7 | Overall AVG = 2.7 | Overall AVG = 2.7 |
| Hunting | Hunting | Hunting |
| Other: AVG = 2.1 | RV: AVG = 2.5 | Adult: AVG = 2.1 |
| Local: AVG = 3.2 | Tent: AVG = 2.5 | Adult Child: AVG = 2.8 |
| Wasatch Front: AVG = 2.5 | RV Tent: AVG = 2.8 | |
| AVG Range = 1.2 | AVG Range = .3 | AVG Range = .7 |
| Overall AVG = 2.6 | Overall AVG = 2.6 | Overall AVG = 2.6 |
| 2. Not Very Important | | |
| Canoeing | Canoeing | Canoeing |
| Other: AVG = 2.3 | RV: AVG = 2.3 | Adult: AVG = 2.0 |
| Local: AVG = 2.1 | Tent: AVG = 2.5 | Adult Child: AVG = 2.5 |
| Wasatch Front: AVG = 2.6 | RV Tent: AVG = 2.4 | |
| AVG Range = .4 | AVG Range = .2 | AVG Range = .5 |
| Overall AVG = 2.4 | Overall AVG = 2.4 | Overall AVG = 2.4 |
| Off-Highway Touring | Off-Highway Touring | Off-Highway Touring |
| Other: AVG = 2.1 | RV: AVG = 2.2 | Adult: AVG = 2.1 |
| Local: AVG = 1.5 | Tent: AVG = 2.6 | Adult Child: AVG = 2.6 |
| Wasatch Front: AVG = 2.6 | RV Tent: AVG = 3.0 | |
| AVG Range = 1.1 | AVG Range = .8 | AVG Range = .5 |
| Overall AVG = 2.4 | Overall AVG = 2.4 | Overall AVG = 2.4 |

| Annoyance by Visitor Origin | Annoyance by Camp Equipment Type | Annoyance by Family Type |
|---|---|---|
| Interview Percentage:<br>Other Area = 12<br>Local Cbn/Emy Area = 31<br>Wasatch Front Area = 57 | Interview Percentage:<br>RV = 61<br>Tent = 10<br>RV Tent = 29 | Interview Percentage:<br>Adult = 28<br>Adult Child = 72 |
| **User Annoyances**<br>4. Strongly Disagreeable | | |
| Dirty Campsites | Dirty Campsites | Dirty Campsites |
| Other: AVG = 3.7<br>Local: AVG = 3.7<br>Wasatch Front: AVG = 3.7<br>AVG Range = .0<br>Overall AVG = 3.7 | RV: AVG = 3.8<br>Tent: AVG = 3.7<br>RV Tent: AVG = 3.4<br>AVG Range = .3<br>Overall AVG = 3.7 | Adult: AVG = 3.7<br>Adult Child: AVG = 3.6<br>AVG Range = .0<br>Overall AVG = 3.7 |
| 3. Disagreeable | | |
| Motorcycle Noise | Motorcycle Noise | Motorcycle Noise |
| Other: AVG = 3.6<br>Local: AVG = 3.4<br>Wasatch Front: AVG = 3.4<br>AVG Range = .2<br>Overall AVG = 3.4 | RV: AVG = 3.5<br>Tent: AVG = 3.5<br>RV Tent: AVG = 3.2<br>AVG Range = .3<br>Overall AVG = 3.4 | Adult: AVG = 3.7<br>Adult Child: AVG = 3.3<br>AVG Range = .4<br>Overall AVG = 3.4 |
| Alcohol/Parties | Alcohol/Parties | Alcohol/Parties |
| Other: AVG = 3.5<br>Local: AVG = 3.1<br>Wasatch Front: AVG = 3.1<br>AVG Range = .4<br>Overall AVG = 3.2 | RV: AVG = 3.2<br>Tent: AVG = 3.3<br>RV Tent: AVG = 3.0<br>AVG Range = .3<br>Overall AVG = 3.? | Adult: AVG = 3.1<br>Adult Child: AVG = 3.2<br>AVG Range = .1<br>Overall AVG = 3.2 |
| Dogs Barking | Dogs Barking | Dogs Barking |
| Other: AVG = 3.2<br>Local: AVG = 3.3<br>Wasatch Front: AVG = 3.1<br>AVG Range = .2<br>Overall AVG = 3.2 | RV: AVG = 3.3<br>Tent: AVG = 3.2<br>RV Tent: AVG = 3.0<br>AVG Range = .3<br>Overall AVG = 3.2 | Adult: AVG = 3.3<br>Adult Child: AVG = 3.1<br>AVG Range = .2<br>Overall AVG = 3.2 |
| Crossing Through Your Campsite | Crossing Through Your Campsite | Crossing Through Your Campsite |
| Other: AVG = 3.1<br>Local: AVG = 2.9<br>Wasatch Front: AVG = 3.0<br>AVG Range = .1<br>Overall AVG = 3.0 | RV: AVG = 3.0<br>Tent: AVG = 3.2<br>RV Tent: AVG = 2.8<br>AVG Range = .4<br>Overall AVG = 3.0 | Adult: AVG = 3.0<br>Adult Child: AVG = 3.0<br>AVG Range = .0<br>Overall AVG = 3.0 |

| Annoyance by Visitor Origin | Annoyance by Camp Equipment Type | Annoyance by Family Type |
|---|---|---|
| Generators/Air Conditioners | Generators/Air Conditioners | Generators/Air Conditioners |
| Other: AVG = 3.2 | RV: AVG = 2.9 | Adult: AVG = 3.2 |
| Local: AVG = 2.6 | Tent: AVG = 3.3 | Adult Child: AVG = 2.7 |
| Wasatch Front: AVG = 2.9 | RV Tent: AVG = 2.5 | |
| AVG Range = .5 | AVG Range = .8 | AVG Range = .4 |
| Overall AVG = 2.9 | Overall AVG = 2.9 | Overall AVG = 2.9 |
| Loud Social Activities/ Conversations | Loud Social Activities/ Conversations | Loud Social Activities/ Conversations |
| Other: AVG = 3.3 | RV: AVG = 3.0 | Adult: AVG = 3.1 |
| Local: AVG = 2.9 | Tent: AVG = 3.1 | Adult Child: AVG = 2.8 |
| Wasatch Front: AVG = 2.8 | RV Tent: AVG = 2.5 | |
| AVG Range = .4 | AVG Range = .6 | AVG Range = .4 |
| Overall AVG = 2.9 | Overall AVG = 2.9 | Overall AVG = 2.9 |
| 2. Agreeable | | |
| Bathroom Noise/View | Bathroom Noise/View | Bathroom Noise/View |
| Other: AVG = 2.5 | RV: AVG = 2.6 | Adult: AVG = 2.8 |
| Local: AVG = 2.4 | Tent: AVG = 2.7 | Adult Child: AVG = 2.5 |
| Wasatch Front: AVG = 2.6 | RV Tent: AVG = 2.3 | |
| AVG Range = .2 | AVG Range = .4 | AVG Range = .3 |
| Overall AVG = 2.5 | Overall AVG = 2.5 | Overall AVG = 2.5 |
| Radio and Television | Radio and Television | Radio and Television |
| Other: AVG = 2.7 | RV: AVG = 2.6 | Adult: AVG = 2.8 |
| Local: AVG = 2.6 | Tent: AVG = 2.8 | Adult Child: AVG = 2.4 |
| Wasatch Front: AVG = 2.5 | RV Tent: AVG = 2.3 | |
| AVG Range = .2 | AVG Range = .5 | AVG Range = .3 |
| Overall AVG = 2.5 | Overall AVG = 2.5 | Overall AVG = 2.5 |
| Campers Arriving Late | Campers Arriving Late | Campers Arriving Late |
| Other: AVG = 2.3 | RV: AVG = 2.3 | Adult: AVG = 2.6 |
| Local: AVG = 2.3 | Tent: AVG = 2.5 | Adult Child: AVG = 2.2 |
| Wasatch Front: AVG = 2.3 | RV Tent: AVG = 2.2 | |
| AVG Range = .1 | AVG Range = .3 | AVG Range = .4 |
| Overall AVG = 2.3 | Overall AVG = 2.3 | Overall AVG = 2.3 |
| Children Playing | Children Playing | Children Playing |
| Other: AVG = 1.8 | RV: AVG = 1.9 | Adult: AVG = 2.3 |
| Local: AVG = 2.0 | Tent: AVG = 1.9 | Adult Child: AVG = 1.7 |
| Wasatch Front: AVG = 1.9 | RV Tent: AVG = 1.8 | |
| AVG Range = .1 | AVG Range = .1 | AVG Range = .5 |
| Overall AVG = 1.9 | Overall AVG = 1.9 | Overall AVG = 1.8 |

| Annoyance by Visitor Origin | Annoyance by Camp Equipment Type | Annoyance by Family Type |
|---|---|---|
| Campfire Talking/Singing | Campfire Talking/Singing | Campfire Talking/Singing |
| Other: AVG = 2.0 | RV: AVG = 1.9 | Adult: AVG = 2.0 |
| Local: AVG = 1.9 | Tent: AVG = 1.6 | Adult Child: AVG = 1.7 |
| Wasatch Front: AVG = 1.7 | RV Tent: AVG = 1.8 | |
| AVG Range = .3 | AVG Range = .3 | AVG Range = .3 |
| Overall AVG = 1.8 | Overall AVG = 1.8 | Overall AVG = 1.8 |

**Analysis Summary - Part 1**

| Visitor Preference Summation | | | | |
|---|---|---|---|---|
| Score | Administrative | Maintenance | Facility | Activity |
| **Very Important** | | | | |
| 3.7 | FS Visibility and Hosts | Clean Restrooms and Clean Campsites | Shade | Fishing |
| 3.6 | Emergency Communication | Well Maintained Facilities | —— | Relaxation |
| 3.5 | Restful Atmosphere | —— | —— | —— |
| **Somewhat Important** | | | | |
| 3.4 | Control Motorcycles | —— | —— | Camping and Use Campground as a Base of Operations |
| 3.3 | —— | —— | Toilet Stall Latches and Trailer Dump Stations | Boating |
| 3.2 | Control Alcohol Parties, Barking Dogs and Provide First Aid Service | —— | Flush Toilets and Fish Cleaning Facilities | Walking and Natural Viewing |
| 3.1 | Identifiable Staff Dress | —— | Privacy | Family Reunions and Touring the Area |
| 3.0 | Posted Campground Map | —— | No Major Trails Through Individual Campsites and Additional Parking | —— |
| 2.9 | Control Generators, Air Conditioners and Loud Social Activities | —— | Nature Trails and Formal Tent Spaces | —— |
| 2.8 | —— | —— | Camp Store and Recirculating Toilets | Campfire Programs |
| 2.7 | —— | —— | Showers and Play Areas | Swimming |
| 2.6 | —— | —— | —— | Hunting |

## Analysis Summary - Part 1

| Visitor Preference Summation | | | | |
|---|---|---|---|---|
| Score | Administrative | Maintenance | Facility | Activity |
| **Not Very Important** | | | | |
| 2.5 | Control Radio and Television | —— | Large Group Sites, Standing Grills, Vault Toilets, and Screen Restrooms | |
| 2.4 | Visitor Information | —— | Visitor Information | Canoeing and Off-Highway Vehicle Touring |
| 2.3 | Control Campers Arriving Late | | | |
| 1.9 | Control Children Playing | | | |
| 1.8 | Control Campfire Talking/ Singing | | Dressing Rooms | |

**Analysis Summary - Part 2**

| Difference in Visitor Preference | |
|---|---|
| **Visitor** | **Preference** |
| Recreation Vehicle Camper | Shade<br>Trailer Dump Station<br>Additional Parking<br>Additional Table Space<br>Formal Tent Spaces<br>Forest Service and Host Visibility<br>Restful Atmosphere<br>Walking |
| Tent Camper | Privacy<br>Existing Restrooms |
| Local Carbon/Emery County Area Camper | Large Group Sites<br>Family Reunions<br>Campfire Programs<br>Swimming |
| Wasatch Front Area Camper | Off-Highway Vehicle Touring |
| Adults with Children | Hunting<br>Canoeing |

## APPENDIX E

## VISITOR ORIGIN RESULTS

OTHER AREAS

| Origin | No. Days in Campground |
|---|---|
| Alaska | 1 |
| Arizona | 17 |
| California | 109 |
| Colorado | 14 |
| Idaho | 1 |
| Illinois | 1 |
| Minnesota | 1 |
| Montana | 2 |
| New Mexico | 5 |
| Nevada | 18 |
| Ohio | 4 |
| Oklahoma | 1 |
| Oregon | 7 |
| Pennsylvania | 1 |
| Texas | 7 |
| Washington | 5 |
| West Virginia | 1 |
| Wyoming | 5 |
| Utah | |
| Altamont | 3 |
| Alton | 4 |
| Fillmore | 1 |
| Four Corners | 2 |
| Green River | 9 |
| Gusher | 2 |
| Moab | 4 |
| Nephi | 5 |
| St. George | 9 |
| Tridell | 1 |
| Tropic | 1 |
| Wendover | 2 |
| Total = | 243 |
| % of Total Campground Use = | 9% |

INTERMEDIATE AREA

| Origin | No. Days in Campground |
|---|---|
| Chester | 1 |
| Fairview | 3 |
| Manti | 4 |
| Monroe | 1 |
| Moroni | 3 |
| Mt. Pleasent | 7 |
| Richfield | 25 |
| Wales | 2 |
| Total = | 46 |
| % of Total Campground Use = | 2% |

LOCAL CARBON/EMERY AREA

| Origin | No. Days in Campground |
|---|---|
| Castle Dale | 63 |
| Cleveland | 13 |
| East Carbon | 24 |
| Elmo | 5 |
| Emery | 5 |
| Ferron | 52 |
| Helper | 46 |
| Huntington | 52 |
| Orangeville | 63 |
| Price | 345 |
| Sunnyside | 13 |
| Wellington | 92 |
| Total = | 773 |
| % of Total Campground Use = | 29% |

WASATCH FRONT AREA

| Origin | No. Days in Campground |
|---|---|
| Alta | 25 |
| American Fork | 16 |
| Bountiful | 27 |
| Brigham City | 1 |
| Centerville | 17 |
| Clearfield | 19 |
| Cottonwood | 7 |
| Draper | 15 |
| Dugway | 8 |
| Eden | 1 |
| Farmington | 7 |
| Grantsville | 14 |
| Huntsville | 3 |
| Kamas | 3 |
| Kaysville | 9 |
| Kearns | 8 |
| Lark | 24 |
| Layton | 19 |
| Lehi | 18 |
| Lindon | 2 |
| Magna | 18 |
| Midvale | 29 |
| Midway | 2 |
| Millcreek | 4 |
| Morgan | 2 |
| Ogden | 60 |
| Orem | 14 |
| Park City | 3 |
| Payson | 5 |
| Peoa | 2 |
| Pleasant Grove | 9 |
| Provo | 33 |
| Riverton | 11 |
| Roy | 15 |
| Sandy | 72 |
| Santaquin | 4 |
| Salt Lake City | 883 |
| Snowbird | 2 |
| Spanish Fork | 7 |
| Springville | 19 |
| Tremonton | 6 |
| Vernon | 3 |
| West Jordan | 93 |
| Willard | 6 |
| Woods Cross | 8 |
| Total = | 1,553 |
| % of Total Campground Use = | 58% |

UNKNOWN AREAS (INSUFFICIENT DATA)

| Origin | No. Days in Campground |
|---|---|
| State Unknown | 5 |
| Utah, City Unknown | 55 |
| Total = | 60 |
| % of Total Campground Use = | 2% |

## Vehicle Parking Results
## (From 1987 Fee Envelopes)

| Date (1987) | | Total Sites Occupied | | Site Vehicle Status Not Known (Insufficient Information) | Known Site Vehicle Status (Sufficient Information) | | | | Site Pattern of Use | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Two Vehicles or Less | | Greater Than Two Vehicles | | Weekday: Weekend/ Holiday | |
| Month | Day | Number | Percent Capacity | Number | Number | Percent | Number | Percent | | Remarks |
| May | 5 | 1 | 2 | — | 1 | 100 | — | 0 | | |
| Weekly Average | | | 0 | | | 100 | — | 0 | | |
| | 14 | 3 | 7 | — | 3 | 100 | — | 0 | | |
| | 15 | 5 | 11 | — | 4 | 80 | 1 | 2 | | |
| | 16 | 4 | 9 | — | 3 | 75 | 1 | 25 | | |
| Weekly Average | | | 4 | | | 83 | | 17 | 1:1.5 | |
| | 17 | 1 | 2 | — | 1 | 100 | — | 0 | | |
| | 20 | 4 | 9 | — | 4 | 100 | — | 0 | | |
| | 21 | 16 | 35 | 1 | 8 | 53 | 7 | 47 | | |
| | 22 | 45 | 98 | 4 | 21 (23*) | 51 | 20 | 49 | | |
| | 23 | 51 | 111 | 6 | 24 (27*) | 53 | 21 (24*) | 47 | | |
| Weekly Average | | | 36 | | | 55 | | 45 | 1:6.7** | |
| | 24 | 50 | 109 | 6 | 19 | 43 | 25 (28*) | 57 | | |
| | 25 | 16 | 35 | 2 | 6 | 43 | 8 | 57 | | Memorial Day |
| | 26 | 2 | 4 | 1 | 1 | 100 | — | 0 | | |
| | 27 | 1 | 2 | — | 1 | 100 | — | 0 | | |
| | 28 | 2 | 4 | — | 1 | 50 | 1 | 50 | | |
| | 29 | 9 | 20 | — | 5 | 56 | 4 | 44 | | |
| | 30 | 4 | 9 | — | 3 | 75 | 1 | 25 | | |
| Weekly Average | | | 26 | | | 48 | | 52 | 1:1.2 | |
| May 14-31 Average | | | 26 | | | 54 | | 46 | 1:4.7 | |

## Vehicle Parking Results
## (From 1987 Fee Envelopes)

| Date (1987) | | Total Sites Occupied | | Site Vehicle Status Not Known (Insufficient Information) | Known Site Vehicle Status (Sufficient Information) | | | | Site Pattern of Use Weekday: Weekend/ Holiday | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Two Vehicles or Less | | Greater Than Two Vehicles | | | |
| Month | Day | Number | Percent Capacity | Number | Number | Percent | Number | Percent | | |
| | 31 | 1 | 2 | — | 1 | 100 | — | 0 | | |
| June | 1 | 5 | 11 | — | 4 | 80 | 1 | 20 | | |
| | 2 | 7 | 15 | — | 7 | 100 | — | 0 | | |
| | 3 | 6 | 13 | 1 | 4 | 80 | 1 | 20 | | |
| | 4 | 12 | 26 | 1 | 7 | 64 | 4 | 36 | | |
| | 5 | 24 | 52 | 3 | 15 | 71 | 6 | 29 | | |
| | 6 | 29 | 63 | 3 | 19 | 73 | 7 | 27 | | |
| Weekly Average | | | 26 | | | 75 | | 25 | 1:4.3 | |
| | 7 | 10 | 22 | 1 | 7 | 78 | 2 | 22 | | |
| | 8 | 8 | 17 | — | 8 | 100 | — | 0 | | |
| | 9 | 10 | 22 | 1 | 6 | 67 | 3 | 33 | | |
| | 10 | 18 | 39 | 1 | 8 | 47 | 9 | 53 | | |
| | 11 | 18 | 39 | 2 | 8 | 50 | 8 | 50 | | |
| | 12 | 25 | 54 | 3 | 13 | 59 | 9 | 41 | | |
| | 13 | 20 | 43 | 4 | 13 | 81 | 3 | 19 | | |
| Weekly Average | | | 34 | | | 55 | | 35 | 1:1.8 | |
| | 14 | 13 | 28 | 1 | 8 | 67 | 4 | 33 | | |
| | 15 | 15 | 33 | 2 | 10 | 77 | 3 | 23 | | |
| | 16 | 16 | 35 | 1 | 11 | 73 | 4 | 27 | | |
| | 17 | 15 | 33 | 1 | 9 | 64 | 5 | 36 | | |
| | 18 | 16 | 35 | 1 | 10 | 67 | 5 | 33 | | |
| | 19 | 30 | 65 | 3 | 10 | 37 | 17 | 63 | | |
| | 20 | 37 | 80 | 5 | 18 | 56 | 14 | 44 | | |
| Weekly Average | | | 44 | | | 59 | | 41 | 1:2.2 | |

## Vehicle Parking Results
## (From 1987 Fee Envelopes)

| Date (1987) | | Total Sites Occupied | | Site Vehicle Status Not Known (Insufficient Information) | Known Site Vehicle Status (Sufficient Information) | | | | Site Pattern of Use | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Two Vehicles or Less | | Greater Than Two Vehicles | | | |
| Month | Day | Number | Percent Capacity | Number | Number | Percent | Number | Percent | Weekday: Weekend/ Holiday | |
| | 21 | 16 | 35 | 1 | 12 | 80 | 3 | 20 | | |
| | 22 | 12 | 26 | 1 | 8 | 73 | 3 | 27 | | |
| | 23 | 10 | 22 | 1 | 6 | 67 | 3 | 33 | | |
| | 24 | 16 | 35 | 1 | 12 | 80 | 3 | 20 | | |
| | 25 | 17 | 37 | 1 | 13 | 81 | 3 | 19 | | |
| | 26 | 27 | 59 | 1 | 16 | 62 | 10 | 38 | | |
| | 27 | 34 | 74 | 8 | 15 | 58 | 11 | 42 | | |
| Weekly Average | | | 41 | | | 69 | | 31 | 1:2.2 | |
| June Average | | | 37 | | | 67 | | 33 | 1:2.2 | |
| | 28 | 18 | 39 | 4 | 10 | 71 | 4 | 29 | | |
| | 29 | 10 | 22 | 1 | 6 | 67 | 3 | 33 | | |
| | 30 | 15 | 33 | 1 | 10 | 71 | 4 | 29 | | |
| July | 1 | 35 | 76 | 6 | 19 (23*) | 66 | 10 | 34 | | |
| | 2 | 56 | 122 | 11 | 26 (32*) | 58 | 19 (24*) | 42 | | |
| | 3 | 50 | 109 | 13 | 20 (27*) | 54 | 17 (23*) | 46 | | |
| | 4 | 42 | 91 | 9 | 17 | 52 | 16 | 48 | | |
| Weekly Average | | | 70 | | | 60 | | 40 | 1:2.5** | Independence Day |
| | 5 | 21 | 46 | 4 | 10 | 37 | 17 | 63 | | |
| | 6 | 6 | 13 | 1 | 3 | 60 | 2 | 40 | | |
| | 7 | 13 | 28 | — | 9 | 69 | 4 | 31 | | |
| | 8 | 28 | 61 | 3 | 19 | 76 | 6 | 24 | | |
| | 9 | 31 | 67 | 3 | 21 (23*) | 75 | 7 | 25 | | |
| | 10 | 39 | 85 | 6 | 23 (27*) | 70 | 10 | 30 | | |
| | 11 | 42 | 91 | 3 | 26 (28*) | 67 | 13 | 33 | | |
| Weekly Average | | | 56 | | | 65 | | 35 | 1:2.1 | |

## Vehicle Parking Results
## (From 1987 Fee Envelopes)

| Date (1987) | | Total Sites Occupied | | Site Vehicle Status Not Known (Insufficient Information) | Known Site Vehicle Status (Sufficient Information) | | | | Site Pattern of Use | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Two Vehicles or Less | | Greater Than Two Vehicles | | | |
| Month | Day | Number | Percent Capacity | Number | Number | Percent | Number | Percent | Weekday: Weekend/ Holiday | |
| | 2 | 27 | 59 | 8 | 12 | 63 | 7 | 37 | | |
| | 3 | 28 | 61 | 8 | 11 | 55 | 9 | 45 | | |
| | 4 | 34 | 74 | 8 | 15 | 58 | 11 | 42 | | |
| | 5 | 29 | 63 | 6 | 13 | 57 | 10 | 43 | | |
| | 6 | 37 | 80 | 5 | 16 | 50 | 16 | 50 | | |
| | 7 | 45 | 98 | 8 | 20 (24*) | 54 | 17 | 46 | | |
| | 8 | 47 | 102 | 13 | 20 (28*) | 59 | 14 | 41 | | |
| Weekly Average | | | 77 | | | 56 | | 44 | 1:1.5 | |
| | 9 | 28 | 61 | 7 | 14 | 67 | 7 | 33 | | |
| | 10 | 20 | 43 | 4 | 9 | 56 | 7 | 44 | | |
| | 11 | 23 | 50 | 5 | 10 | 56 | 8 | 44 | | |
| | 12 | 31 | 67 | 9 | 13 | 59 | 9 | 41 | | |
| | 13 | 31 | 67 | 7 | 14 | 58 | 10 | 42 | | |
| | 14 | 28 | 61 | 3 | 13 | 54 | 11 | 46 | | |
| | 15 | 30 | 65 | 4 | 19 | 73 | 7 | 27 | | |
| Weekly Average | | | 59 | | | 61 | | 39 | 1:1.1 | |
| | 16 | 19 | 41 | 3 | 11 | 69 | 5 | 31 | | |
| | 17 | 15 | 33 | 3 | 9 | 75 | 3 | 25 | | |
| | 18 | 14 | 30 | 2 | 9 | 75 | 3 | 25 | | |
| | 19 | 16 | 35 | 4 | 7 | 58 | 5 | 42 | | |
| | 20 | 24 | 52 | 3 | 16 | 76 | 5 | 24 | | |
| | 21 | 36 | 78 | 6 | 19 (23*) | 63 | 11 | 37 | | |
| | 22 | 35 | 76 | 7 | 18 | 64 | 10 | 36 | | |
| Weekly Average | | | 49 | | | 68 | | 32 | 1:2.0 | |

## Vehicle Parking Results
## (From 1987 Fee Envelopes)

| Date (1987) | | Total Sites Occupied | | Site Vehicle Status Not Known (Insufficient Information) | Known Site Vehicle Status (Sufficient Information) | | | | Site Pattern of Use | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Two Vehicles or Less | | Greater Than Two Vehicles | | | |
| Month | Day | Number | Percent Capacity | Number | Number | Percent | Number | Percent | Weekday: Weekend/ Holiday | |
| | 23 | 9 | 20 | 1 | 8 | 100 | — | 0 | | |
| | 24 | 6 | 13 | 1 | 5 | 100 | — | 0 | | |
| | 25 | 6 | 13 | 3 | 3 | 100 | — | 0 | | |
| | 26 | 6 | 13 | 1 | 5 | 100 | — | 0 | | |
| | 27 | 7 | 15 | 1 | 6 | 100 | — | 0 | | |
| | 28 | 21 | 46 | 2 | 16 | 84 | 3 | 16 | | |
| | 29 | 23 | 50 | 3 | 16 | 80 | 4 | 20 | | |
| Weekly Average | | | 24 | | | 89 | | 11 | 1:3.2 | |
| August Average | | | 50 | | | 64 | | 36 | 1:1.3 | |
| | 30 | 7 | 15 | 1 | 4 | 67 | 2 | 33 | | |
| | 31 | 6 | 13 | — | 6 | 100 | — | 0 | | |
| September | 1 | 5 | 11 | — | 5 | 100 | — | 0 | | |
| | 2 | 10 | 22 | — | 10 | 100 | — | 0 | | |
| | 3 | 29 | 63 | 3 | 19 | 73 | 7 | 27 | | |
| | 4 | 43 | 93 | 8 | 24 (30*) | 69 | 11 | 31 | | |
| | 5 | 51 | 111 | 9 | 27 (33*) | 64 | 15 | 36 | | |
| Weekly Average | | | 47 | | | 73 | | 27 | 1:4.2** | |
| | 6 | 49 | 107 | 9 | 23 (28*) | 58 | 17 | 42 | | |
| | 7 | 8 | 17 | 1 | 4 | 57 | 3 | 43 | | Labor Day |
| | 8 | 4 | 9 | 1 | 3 | 100 | — | 0 | | |
| | 9 | 2 | 4 | — | 1 | 50 | 1 | 50 | | |
| | 10 | 3 | 7 | — | 3 | 100 | — | 0 | | |
| | 11 | 2 | 4 | — | 2 | 100 | — | 0 | | |
| | 12 | 2 | 4 | — | 2 | 100 | — | 0 | | |
| Weekly Average | | | 22 | | | 64 | | 36 | 1:0.5 | |

## Vehicle Parking Results
## (From 1987 Fee Envelopes)

| Date (1987) | | Total Sites Occupied | | Site Vehicle Status Not Known (Insufficient Information) | Known Site Vehicle Status (Sufficient Information) | | | | Site Pattern of Use Weekday: Weekend/ Holiday | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Two Vehicles or Less | | Greater Than Two Vehicles | | | |
| Month | Day | Number | Percent Capacity | Number | Number | Percent | Number | Percent | | |
| | 13 | 2 | 4 | — | 2 | 100 | — | 0 | | |
| | 14 | 1 | 2 | — | 1 | 100 | — | 0 | | |
| | 15 | 1 | 2 | — | 1 | 100 | — | 0 | | |
| | 16 | 3 | 7 | — | 3 | 100 | — | 0 | | |
| | 17 | 13 | 28 | 1 | 11 | 92 | 1 | 8 | | |
| | 18 | 20 | 43 | 1 | 17 | 89 | 2 | 11 | | |
| | 19 | 19 | 41 | 1 | 17 | 94 | 1 | 6 | | |
| Weekly Average | | | 18 | | | 93 | | 7 | 1:4.9 | |
| | 20 | 9 | 20 | 3 | 6 | 100 | — | 0 | | |
| | 21 | 3 | 7 | — | 3 | 100 | — | 0 | | |
| | 22 | 2 | 4 | — | 2 | 100 | — | 0 | | |
| | 23 | 1 | 2 | — | 1 | 100 | — | 0 | | |
| | 24 | 7 | 15 | 2 | 5 | 100 | — | 0 | | |
| | 25 | 7 | 15 | 3 | 4 | 100 | — | 0 | | |
| | 26 | 12 | 26 | 5 | 6 | 86 | 1 | 14 | | |
| Weekly Average | | | 13 | | | 96 | | 4 | 1:2.2 | |
| | 27 | 5 | 11 | 2 | 3 | 100 | — | 0 | | |
| | 28 | 3 | 7 | 1 | 2 | 100 | — | 0 | | |
| | 29 | 1 | 2 | 1 | — | 100 | — | 0 | | |
| | 30 | 7 | 15 | 3 | 3 | 75 | 1 | 25 | | |
| October | 1 | 10 | 22 | 1 | 7 | 78 | 2 | 22 | | |
| | 2 | 17 | 37 | 4 | 10 | 77 | 3 | 23 | | |
| | 3 | 18 | 39 | 3 | 12 | 80 | 3 | 20 | | |
| Weekly Average | | | 19 | | | 80 | | 20 | 1:3.4 | |
| September Average | | | 23 | | | 78 | | 22 | 1:4.0 | |

**Vehicle Parking Results**
**(From 1987 Fee Envelopes)**

| Date (1987) | | Total Sites Occupied | | Site Vehicle Status Not Known (Insufficient Information) | Known Site Vehicle Status (Sufficient Information) | | | | Site Pattern of Use Weekday: Weekend/ Holiday | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Two Vehicles or Less | | Greater Than Two Vehicles | | | |
| Month | Day | Number | Percent Capacity | Number | Number | Percent | Number | Percent | | |
| | 4 | 6 | 13 | 1 | 4 | 80 | 1 | 20 | | |
| | 5 | 4 | 9 | 1 | 3 | 100 | — | 0 | | |
| | 6 | 1 | 2 | — | 1 | 100 | — | 0 | | |
| Weekly Average | | | 3 | | | 89 | | 11 | | |
| October 1-6 Average | | | 20 | | | 80 | | 20 | 1:2.1 | |
| May 14 to October 6 Average | | | 33 | | | 65 | | 35 | 1:2.3 | |

( *) Prorated total site vehicle status (includes site vehicle status not known) and displaying use at or greater than 50 percent of campground capacity.

** Holiday pattern of use includes three days (other weekend pattern of use includes two days: Friday and Saturday).

**Vehicle Parking Results Summary**
**Part I - Parking**

| Date | | Sites Receiving Use >= 50% of Design Capacity | | | | |
|---|---|---|---|---|---|---|
| | | Two Vehicles or Less | | Three Vehicles or More | | |
| Month | Day | Number | Percent | Number | Percent | Remarks |
| May | 22 | 23 | 50 | -- | -- | Memorial Day Influence |
| | 23 | 27 | 59 | 24 | 52 | |
| | 24 | -- | -- | 28 | 61 | |
| July | 1 | 23 | 50 | -- | -- | Independence Day |
| | 2 | 32 | 70 | 24 | 52 | Influence |
| | 3 | 27 | 59 | 23 | 50 | |
| | 9 | 23 | 50 | -- | -- | Weekend Influences |
| | 10 | 27 | 59 | -- | -- | |
| | 11 | 28 | 61 | -- | -- | |
| | 18 | 23 | 50 | -- | -- | |
| | 24 | -- | -- | 30 | 65 | Pioneer Day Influence |
| | 25 | -- | -- | 23 | 50 | |
| August | 7 | 24 | 52 | -- | -- | Weekend Influences |
| | 8 | 28 | 61 | -- | -- | |
| | 21 | 23 | 50 | -- | -- | |
| Sept. | 4 | 30 | 65 | -- | -- | Labor Day Influence |
| | 5 | 33 | 72 | -- | -- | |
| | 6 | 28 | 61 | -- | -- | |
| High Use = | | 33 | 72 | 30 | 65 | Multiple Family Use = $\frac{54}{115}$ = 48% |
| $\bar{X}$ Use = | | 27 | 59 | 25 | 54 | |
| Total Days = | | 15 | | 6 | | |

NOTE: Single family site use (two vehicles or less) equaled or exceeded 50 percent of the campground design capacity during 10 percent of the season. In the 10 percent seasonal range, average annual use was 59 percent of design capacity with the high use day (September 5) being at 72 percent of design capacity.

Multiple family site use (three vehicles or more) equaled or exceeded 50 percent of the campground design capacity during four percent of the season. In the four percent seasonal range, average annual use was 54 percent of design capacity with the high use day (July 24) being at 65 percent of design capacity.

Comparing the average single family parking use to the average multiple family parking use, the relationship was 52 percent single family to 48 percent multiple family. The comparison of single family high use day to multiple family high use day displayed the same relationship.

**Vehicle Parking Results Summary**
**Part II - Pattern of Use**

| Month | Pattern of Use Ranking<br>Weekend: Friday and Saturday Except the 3-Day Holidays | Use in Percent of Design Capacity | Remarks |
|---|---|---|---|
| August | 1:1.3 | 50 | |
| October | 1:2.1 | 20 | Six Days Evaluated |
| June | 1:2.2 | 37 | |
| July | 1:2.4 | 60 | Independence and Pioneer Days Influence |
| September | 1:4.0 | 29 | Labor Day Influence |
| May | 1:4.7 | 26 | Memorial Day Influence |
| Seasonal Use | 1:2.3 | 33 | |

NOTES:

1. High use months without major holidays displayed tight pattern of use relationships.

2. Low use months with major holidays near weekends displayed loose pattern of use relationships.

**Facility Condition Inventory Results**

| Site Number | Shade: No Shade | Shade: Minimal Shade (≤ 20%) | Shade: Moderate Shade (≥ 20% and ≤ 80%) | Shade: No Shade | Shade: Minimal Shade (≤ 20%) | Shade: Moderate Shade (≥ 20% and ≤ 80%) | Facility Maintenance: Spur and/or Pad Shoulder: Moderate Gravel Needed (≥ 1 yard) | Facility Maintenance: Spur and/or Pad Shoulder: Minimal Gravel Needed (≤ 1 yard) | Facility Maintenance: Spur and/or Pad Shoulder: No Gravel Needed | Facility Maintenance: Table: Concrete Base Deterioration Evident | Facility Maintenance: Table: Concrete Base in Good Condition | Facility Maintenance: Fire Circle: None or Badly Deteriorated | Facility Maintenance: Fire Circle: Metal With No Concrete Collar | Rest-Room Type: Vault | Rest-Room Type: Recirculating | Natural Views: Fair - 1 Element Missing/Poor Vegetation Diversity | Natural Views: Good - 1 Element Missing/Good Vegetation Diversity | Natural Views: Excellent - All Elements Present/Good Vegetation Diversity | Privacy Vegetative Screening: None (No Trees Existing) | Privacy Vegetative Screening: Little (≤ 3 Trees Needed) | Privacy Vegetative Screening: Moderate (No Improvement Needed) | Parking Type (and Length in Feet): Single Vehicle Pull-in | Parking Type (and Length in Feet): Double Vehicle Back-in | Parking Type (and Length in Feet): Loop or Turnout | Number of Informal Tent Spaces Evident | Number of Informal Horseshoe Pitches Evident | Distance to Restrooms (in Feet): Long (> 200 Feet) | Distance to Restrooms (in Feet): Medium (≤ 200 Feet) | Distance to Restrooms (in Feet): Short (≤ 100 Feet) | Distance to Water Hydrant (in Feet): Long (> 200 Feet) | Distance to Water Hydrant (in Feet): Medium (≤ 200 Feet) | Distance to Water Hydrant (in Feet): Short (≤ 100 Feet) | Distance to Water Hydrant (in Feet): Very Short (≤ 50 Feet) | Site Use for 1987: Number | Site Use for 1987: Percent of Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | X | | | X | | | | X | | X | | W | | X | | X | | | X | | | 55 | | | 1 | | | 200 | | | 200 | | | 37 | 1 |
| 2 | X | | | | X | | | X | | | X | | W | | X | | X | | | X | | | 42 | | | 1 | 1 | | 150 | | | 175 | | | 53 | 2 |
| 3 | | X | | | X | | | X | | | B | | | X | X | | X | | | X | | | 45 | | | 2 | 1 | 400 | | | | 150 | | | 31 | 1 |
| 4 | X | | | | X | | | X | | | B | | W | | X | | X | | | X | | | 45 | | | 2 | | 400 | | | | | | 50 | 42 | 2 |
| 5 | X | | | | X | | | X | | | X | | | W | X | | X | | | X | | | 66 | | | 1 | | 300 | | | | 125 | | | 23 | 1 |
| 6 | | X | | X | | | | X | | | B | | X | | X | | X | | | X | | | 48 | | | 1 | | | 150 | | | 125 | | | 37 | 1 |
| 7 | | X | | | | X | X | | | | B | | | X | X | | X | | | | X | | 63 | | | 2 | | | 200 | | | 175 | | | 63 | 2 |
| 8 | X | | | | X | | X | | | | X | | | X | X | | X | | | | X | | | 70 | | 1 | | | 200 | | | 200 | | | 70 | 3 |
| 9 | | | X | | X | | | X | | | X | | | W | X | | | X | | | X | | 43 | | | 2 | | 250 | | | | 150 | | | 76 | 3 |
| 10 | | X | | | X | | X | | | | X | | | X | X | | X | | | X | | | 72 | | | 1 | | | 200 | | | | | 50 | 64 | 2 |
| 11 | | X | | | X | | X | | | | X | | | X | X | | | X | | | X | | 69 | | | 2 | | 300 | | | | | 75 | | 70 | 3 |
| 12 | X | | | | X | | X | | | B | | | W | | X | | X | | | X | | | | 90 | | 2 | | | 200 | | | 150 | | | 54 | 2 |
| 13 | | X | | | | X | | X | | | B | | X | | X | | | X | | | X | | 95 | | | 1 | | | 150 | | | 125 | | | 55 | 2 |
| 14 | X | | | | X | | | | X | B | | | W | | X | | | | X | | X | | | 92 | | 2 | | 300 | | | | | 75 | | 62 | 2 |
| 15 | | X | | | X | | | X | | | X | | | W | X | | | | X | | | X | | 57 | | 1 | | 500 | | | | 175 | | | 56 | 2 |
| 16 | | | X | | | X | X | | | | X | | | W | X | | | | X | | | X | | 73 | | 2 | | 300 | | | | | 100 | | 68 | 3 |
| 17 | X | | | X | | | | | X | | B | | | X | X | | | | X | | X | | | 70 | | 1 | | 300 | | | | | 75 | | 53 | 2 |
| 18 | X | | | X | | | | | X | B | | | X | | X | | | | X | X | | | 32 | | | 1 | | 250 | | | | 150 | | | 24 | 1 |
| 19 | | X | | | | X | | | X | | | | W | | X | | | | X | | X | | | 40 | | 2 | | 400 | | | | 125 | | | 71 | 3 |
| 20 | | X | | | X | | X | | | | B | | | X | | X | | | X | | X | | | 50 | | 2 | | 400 | | | | | 75 | | 83 | 3 |
| 21 | | | X | X | | | | X | | | B | | X | | | X | | | X | X | | | 62 | | | 2 | | 300 | | | | | | 50 | 57 | 2 |
| 22 | X | | | | X | | X | | | | B | | X | | | X | | | X | | X | | 77 | | | 1 | | 350 | | | | 175 | | | 90 | 3 |
| 23 | X | | | | X | | | X | | | B | | | X | X | | | X | | X | | | 41 | | | 1 | | | 200 | | 250 | | | | 63 | 2 |
| 24 | | X | | | | X | X | | | | B | | | X | | X | | | X | | | X | 54 | | | 1 | | 350 | | | 300 | | | | 107 | 4 |
| 25 | | X | | | Y | | | X | | | B | | W | | | X | | | X | | | | | 71 | | 1 | | | | 100 | | 150 | | | 82 | 3 |
| 26 | | X | | | X | | | X | | | B | | X | | | X | | | X | | | X | 50 | | | 3 | | 350 | | | | | 75 | | 92 | 3 |
| 27 | | X | | X | | | | X | | | B | | X | | | X | | X | | | X | | 48 | | | 2 | 1 | 250 | | | | | | 50 | 67 | 3 |
| 28 | X | | | X | | | | X | | | X | | W | | | X | | | X | | X | | 30 | | | 1 | | 400 | | | | | 100 | | 72 | 3 |
| 29 | X | | | X | | | X | | | | X | | W | | | X | | X | | | X | | | 77 | | 1 | | 300 | | | | | 100 | | 79 | 3 |
| 30 | X | | | | X | | X | | | | X | | | X | | X | | | X | | | X | 52 | | | 3 | | 400 | | | | 175 | | | 114 | 4 |

Facility Condition Inventory Results

| Site Number | Shade: Spur: No Shade | Shade: Spur: Minimal Shade (<= 20%) | Shade: Spur: Moderate Shade (> 20% and <= 80%) | Shade: Table: No Shade | Shade: Table: Minimal Shade (<= 20%) | Shade: Table: Moderate Shade (> 20% and <= 80%) | Facility Maintenance: Spur and/or Pad or Shoulder: Moderate Gravel Needed (> 1 yard) | Facility Maintenance: Spur and/or Pad or Shoulder: Minimal Gravel Needed (<= 1 yard) | Facility Maintenance: Spur and/or Pad or Shoulder: No Gravel Needed | Facility Maintenance: Table: Concrete Base Deterioration Evident | Facility Maintenance: Table: Concrete Base in Good Condition | Facility Maintenance: Fire Circle: None or Badly Deteriorated | Facility Maintenance: Fire Circle: Metal With No Concrete Collar | Rest-Room Type: Vault | Rest-Room Type: Recirculating | Natural Views: Fair - 1 Element Missing/Poor Vegetation Diversity | Natural Views: Good - 1 Element Missing/Good Vegetation Diversity | Natural Views: Excellent - All Elements Present/Good Vegetation Diversity | Privacy Vegetative Screening: None (No Trees Existing) | Privacy Vegetative Screening: Little (<= 3 Trees Needed) | Privacy Vegetative Screening: Moderate (No Improvement Needed) | Parking Type (and Length in Feet): Single Vehicle Pull-in | Parking Type (and Length in Feet): Double Vehicle Back-in | Parking Type (and Length in Feet): Loop or Turnout | Number of Informal Tent Spaces Evident | Number of Informal Horseshoe Pitches Evident | Distance to Restrooms (in Feet): Long (> 200 Feet) | Distance to Restrooms (in Feet): Medium (<= 200 Feet) | Distance to Restrooms (in Feet): Short (<= 100 Feet) | Distance to Water Hydrant (in Feet): Long (> 200 Feet) | Distance to Water Hydrant (in Feet): Medium (<= 200 Feet) | Distance to Water Hydrant (in Feet): Short (<= 100 Feet) | Distance to Water Hydrant (in Feet): Very Short (<= 50 Feet) | Site Use for 1987: Number | Site Use for 1987: Percent of Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | X | | | X | | | X | | | B | | | W | | X | | | X | | X | | | 92 | | 1 | | 350 | | | | 100 | | | 87 | 3 |
| 32 | X | | | X | | | | X | | | X | X | | | X | | | X | | X | | | 96 | | 2 | 1 | 350 | | | | 75 | | | 54 | 2 |
| 33 | | X | | X | | | X | | | B | | X | | | X | | X | | | X | | | 92 | | 1 | | 350 | | | | 150 | | | 67 | 3 |
| 34 | X | | | | X | | X | | | | B | W | | | X | | X | | | X | | 65 | | 1 | 1 | | | 100 | | 125 | | | 48 | 2 |
| 35 | X | | | X | | | | X | | | X | | X | | X | | | X | X | | | | 71 | | 1 | | | 200 | | | 150 | | | 33 | 1 |
| 36 | X | | | X | | | | | X | X | | | X | | X | | X | | | X | | | 59 | | 0 | | 300 | | | 250 | | | | 34 | 1 |
| 37 | X | | | X | | | X | | | | B | | X | | X | | | X | | X | | | 118 | | 1 | | 350 | | | | 200 | | | 67 | 3 |
| 38 | X | | | | X | | X | | | B | | X | | X | | | X | | | X | | 72 | | 0 | | 350 | | | | 175 | | | 34 | 1 |
| 39 | X | | | X | | | | X | | | X | X | | X | | | X | | | X | | 74 | | 1 | | 250 | | | | | 75 | | 23 | 1 |
| 40 | X | | | | X | | | X | | | B | | X | X | | | X | | | X | | 95 | | 2 | | | 200 | | | | 100 | | 74 | 3 |
| 41 | X | | | X | | | X | | | | B | | X | X | | | X | | | X | | 54 | | 0 | | | | 100 | | | 75 | | 37 | 1 |
| 42 | X | | | X | | | | X | | | B | X | | X | | | X | | | X | | 90 | | 1 | 1 | | | 100 | | 125 | | | 30 | 1 |
| 43 | X | | | X | | | | X | | B | | X | | X | | | X | | | X | | 52 | | 1 | | | | 100 | | 175 | | | 20 | 1 |
| 44 | X | | | X | | | X | | | B | | X | | X | | | | X | | X | | 42 | | 1 | | 300 | | | | 150 | | | 28 | 1 |
| 45 | X | | | X | | | X | | | | B | X | | X | | | X | | | X | | 42 | | 1 | | | | 100 | | 150 | | | 25 | 1 |
| 46 | X | | | | X | | | | X | B | | W | | X | | | X | | | X | | 55 | | 1 | | | 150 | | | | 100 | | 37 | 1 |
| Unknown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 57 | 2 |
| Total | 61% | 30% | 9% | 42% | 43% | 15% | 41% | 39% | 20% | 22% | 78% | 57% | 43% | 61% | 39% | 45% | 20% | 35% | 20% | 56% | 24% | 4% | 61% | 33% | 133% | 13% | 61% | 26% | 13% | 7% | 54% | 30% | 9% | 2,670 | 100% |

B = Evidence of burns on tabletop.
W = Prevailing wind could carry smoke across table.

| Facility Condition Inventory Results | | |

| Preference by Evidence of Use<br>4% Average Site Use Factor Divided by 1% Average Site Use Factor | |
|---|---|
| **Ranking Factor** | **Inventory Item** |
| 4 | Shade on Table |
| 4 | Maintain Metal Fire Circle |
| 4 | Recirculating Type Restrooms |
| 4 | Maintain Natural Views |
| 2.5 | Shade on Spur |
| 1.6 | Privacy |
| 0.5 | Distance to Water Hydrant |
| 0.4 | Spur and/or Pad Shoulder Maintenance |
| 0.25 | Distance to Restrooms |
| 0 | Table Maintenance |
| 0 | Type of Parking Spur |
| | NOTE: Tent site evidence and horseshoe pitch evidence are not rated. |